

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\  
 Data File : VX005579.D  
 Acq On : 25 Oct 2018 08:57  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/26/2018 1:41:28 PM

Quant Time: Oct 26 13:26:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 202112   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 299491   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 281836   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 161432   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 126806   | 51.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.80% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 98932    | 48.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.58%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 375714   | 51.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.12% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 141894   | 51.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.12% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 73623   | 36.905  | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 108939  | 42.880  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 115137  | 46.090  | ug/l   | 89     |
| 5) Bromomethane               | 1.64 | 94  | 62786   | 40.392  | ug/l   | 99     |
| 6) Chloroethane               | 1.71 | 64  | 70871   | 44.410  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 165103  | 47.564  | ug/l   | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 67349   | 48.619  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 93394   | 46.894  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 115926  | 55.422  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 173892  | 261.922 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 94080   | 49.588  | ug/l # | 82     |
| 13) Acrolein                  | 2.29 | 56  | 75260   | 222.226 | ug/l   | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 196535  | 46.416  | ug/l   | 100    |
| 15) Acrylonitrile             | 3.15 | 53  | 369033  | 247.884 | ug/l   | 99     |
| 16) Acetone                   | 2.45 | 43  | 339862  | 260.694 | ug/l   | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 265515  | 45.910  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 181100  | 56.419  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 332660  | 49.154  | ug/l   | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 109096  | 49.965  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 100232  | 48.387  | ug/l   | 99     |
| 22) Diisopropyl ether         | 3.87 | 45  | 350447  | 47.395  | ug/l # | 95     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1606971 | 246.766 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 196360  | 48.845  | ug/l   | 100    |
| 25) 2-Butanone                | 4.69 | 43  | 519272  | 261.565 | ug/l   | 91     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 93648   | 30.173  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 108476  | 48.574  | ug/l   | 95     |
| 28) Bromochloromethane        | 5.02 | 49  | 99508   | 51.178  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 342298  | 264.946 | ug/l   | 99     |
| 30) Chloroform                | 5.23 | 83  | 193180  | 51.372  | ug/l   | 88     |
| 31) Cyclohexane               | 5.57 | 56  | 162282  | 48.789  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 160752  | 48.435  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 143001  | 49.202  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.85 | 43  | 198750  | 53.588  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 144506  | 47.206  | ug/l   | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\  
 Data File : VX005579.D  
 Acq On : 25 Oct 2018 08:57  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/26/2018 1:41:28 PM

Quant Time: Oct 26 13:26:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 153540   | 47.841   | ug/l  | 98       |
| 40) Benzene                    | 6.14  | 78   | 410504   | 49.271   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 100623   | 48.705   | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 153259   | 48.422   | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 277357   | 49.905   | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 110701   | 48.773   | ug/l  | 96       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 109912   | 49.069   | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 70550    | 48.766   | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 141929   | 50.547   | ug/l  | 96       |
| 48) Methyl methacrylate        | 7.77  | 41   | 141313   | 52.193   | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 63554    | 1074.117 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 957865   | 256.445  | ug/l  | 100      |
| 52) Toluene                    | 8.79  | 92   | 254056   | 50.174   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 146766   | 48.363   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 156973   | 48.045   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 105465   | 49.402   | ug/l  | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 165119   | 51.855   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 178270   | 49.353   | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 462263   | 259.926  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 763372   | 259.211  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 113703   | 51.049   | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 111134   | 50.320   | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 115991   | 49.577   | ug/l  | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 288409   | 48.056   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 105668   | 48.287   | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 495341   | 50.165   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 385023   | 100.504  | ug/l  | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 183112   | 50.805   | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 311606   | 51.646   | ug/l  | 100      |
| 71) Bromoform                  | 10.86 | 173  | 94962    | 48.630   | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 505961   | 51.273   | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 252067   | 51.551   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 173522   | 47.663   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 163565m  | 47.821   | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 133364   | 48.494   | ug/l  | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 585923   | 51.926   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 346897   | 49.583   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 434510   | 51.472   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 44931    | 42.923   | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 412800   | 50.038   | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 423505   | 50.329   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 447825   | 52.343   | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 513375   | 51.129   | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 463995   | 51.694   | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 249470   | 48.239   | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 251063   | 46.509   | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 405444   | 50.035   | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 76804    | 49.612   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 252772   | 48.311   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 44181    | 50.190   | ug/l  | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102418\  
Data File : VX005579.D  
Acq On : 25 Oct 2018 08:57  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

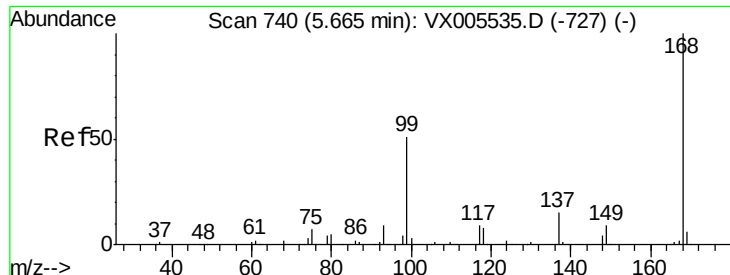
MMDadoda  
10/26/2018 1:41:28 PM

Quant Time: Oct 26 13:26:56 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 25 02:52:45 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 189063   | 49.847 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 89227    | 45.396 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 588786   | 53.405 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 193204   | 50.251 | ug/l  | 100      |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





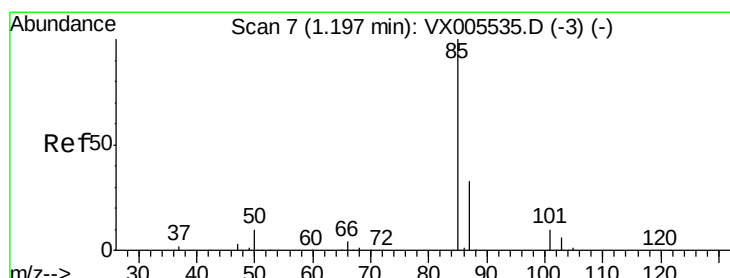
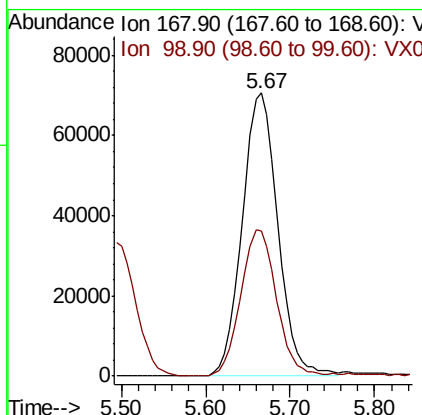
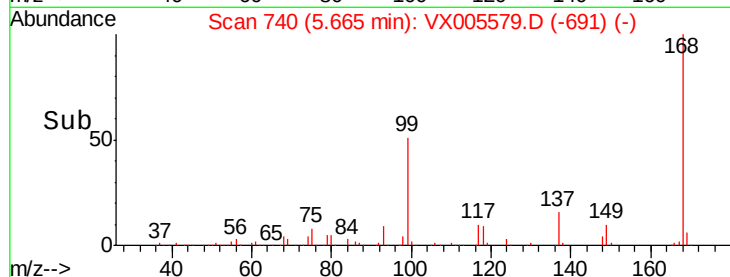
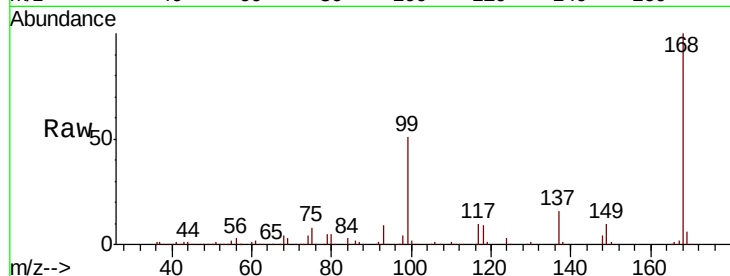
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:168 Resp: 202112  
Ion Ratio Lower Upper  
168 100  
99 51.0 40.7 61.1

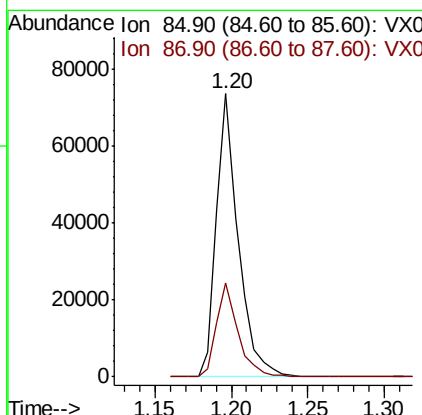
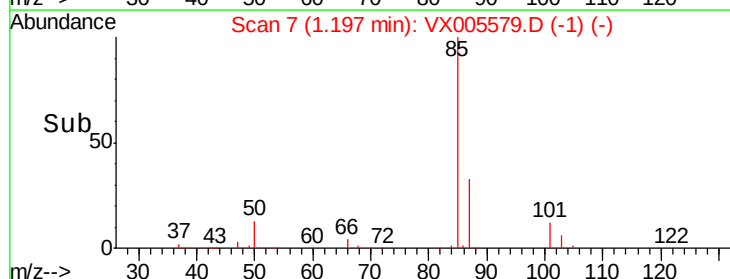
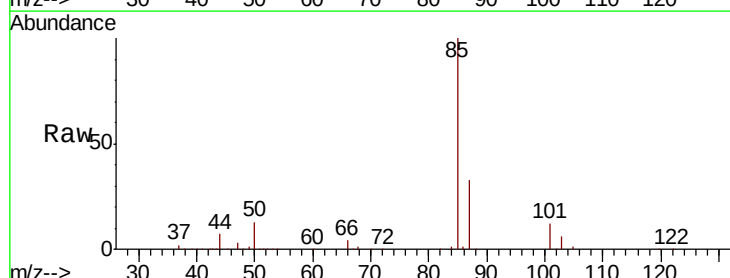
Manual Integrations  
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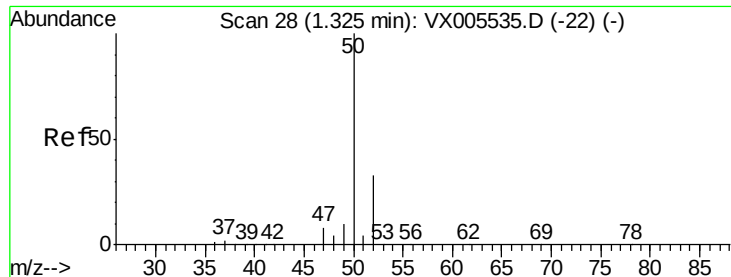
MMDadoda  
10/26/2018 1:41:28 PM



#2  
Dichlorodifluoromethane  
Concen: 36.905 ug/l  
RT: 1.20 min Scan# 7  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Tgt Ion: 85 Resp: 73623  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.3 48.9





#3

Chloromethane

Concen: 42.880 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 108939

Ion Ratio Lower Upper

50 100

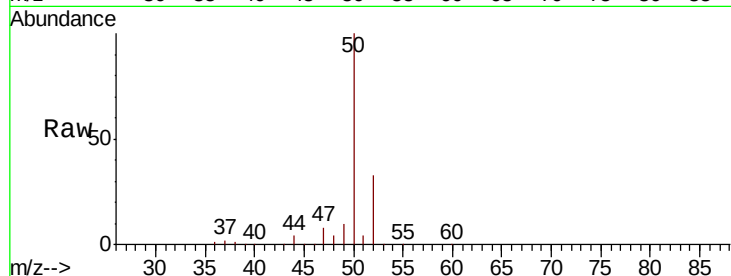
52 33.0 26.2 39.2

Manual Integrations

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10/26/2018 1:41:28 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

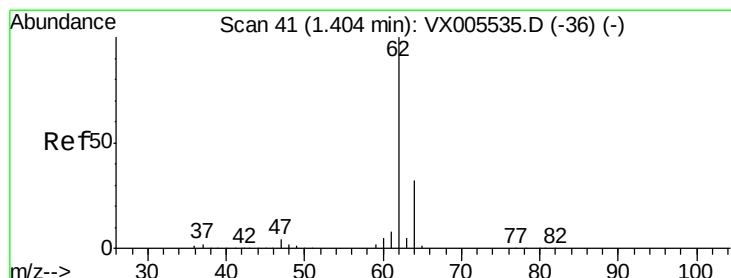
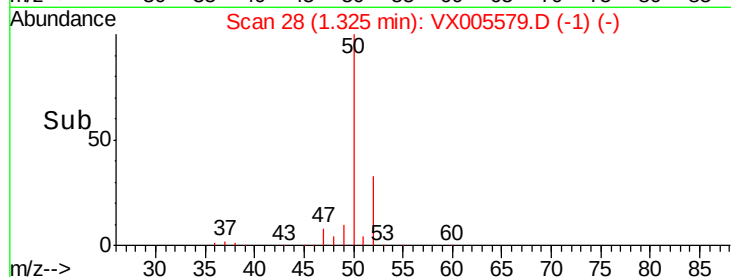
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20000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 46.090 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005579.D

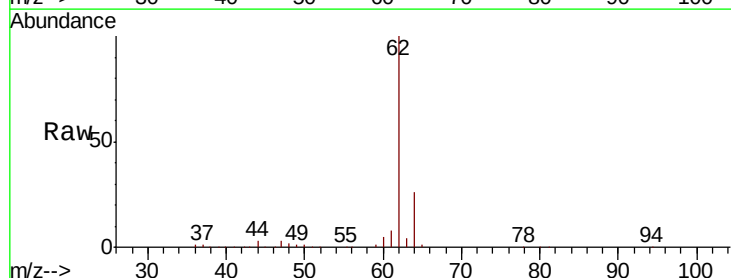
Acq: 25 Oct 2018 08:57

Tgt Ion: 62 Resp: 115137

Ion Ratio Lower Upper

62 100

64 25.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

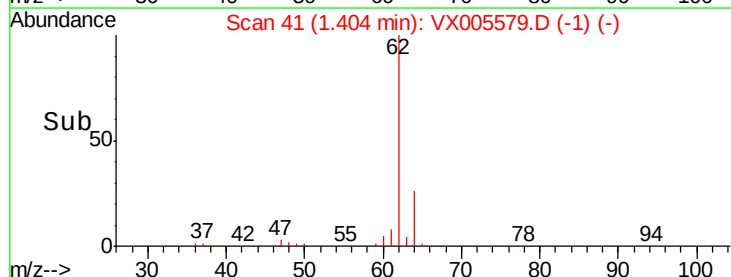
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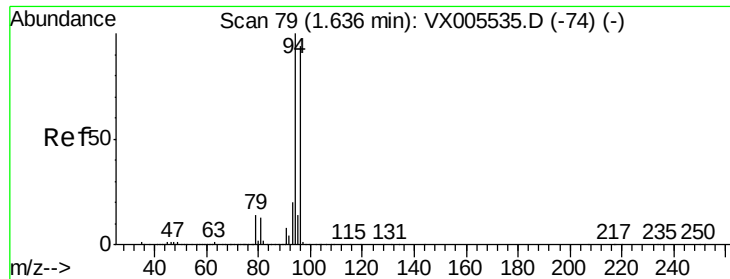
50000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 40.392 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62786

Ion Ratio Lower Upper

94 100

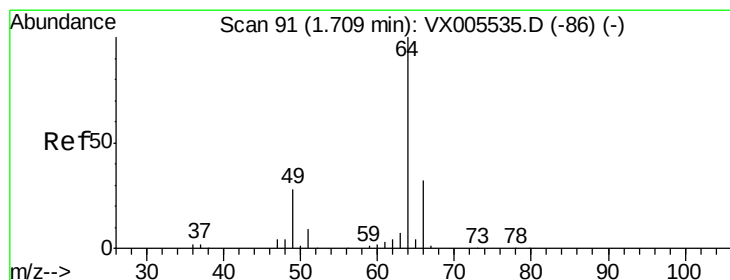
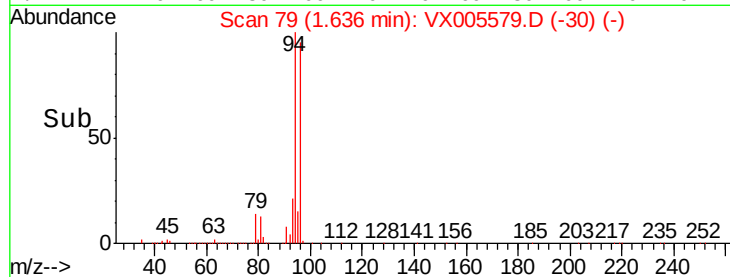
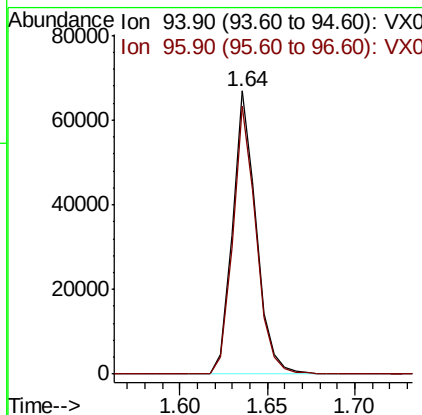
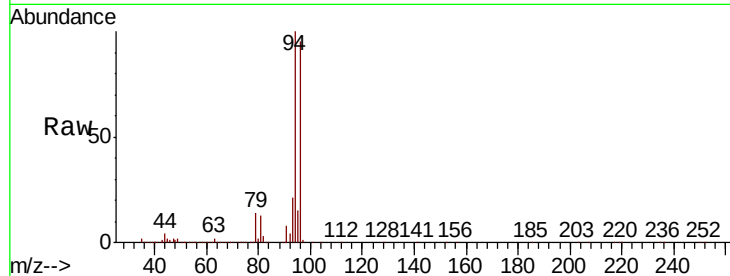
96 94.6 75.2 112.8

Manual Integrations

APPROVED

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10/26/2018 1:41:28 PM



#6

Chloroethane

Concen: 44.410 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005579.D

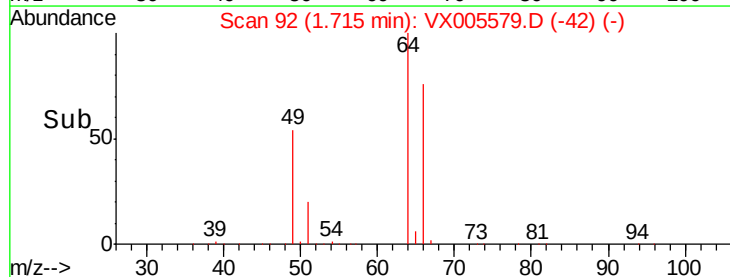
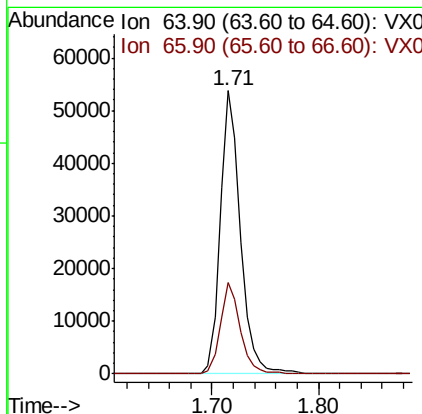
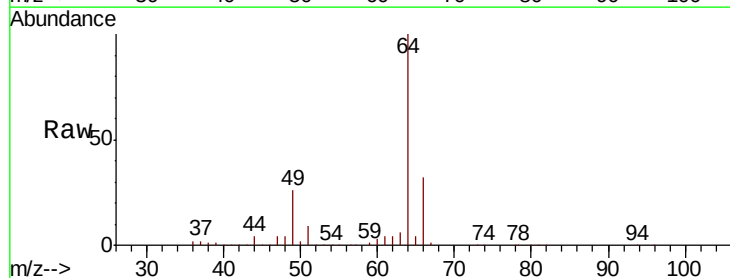
Acq: 25 Oct 2018 08:57

Tgt Ion: 64 Resp: 70871

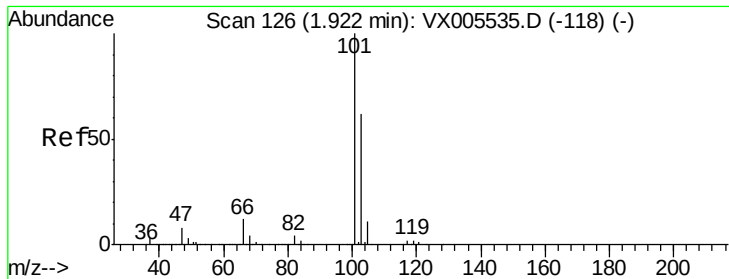
Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.6







#7

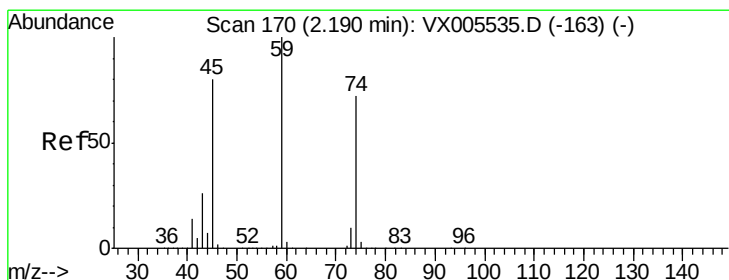
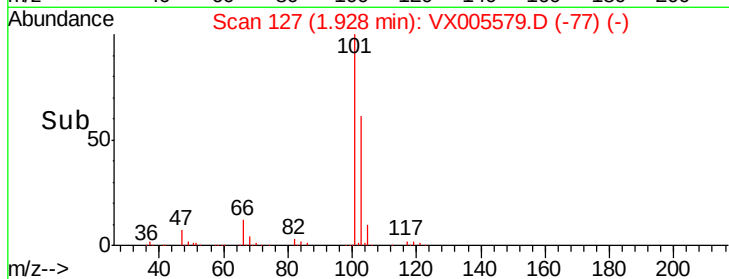
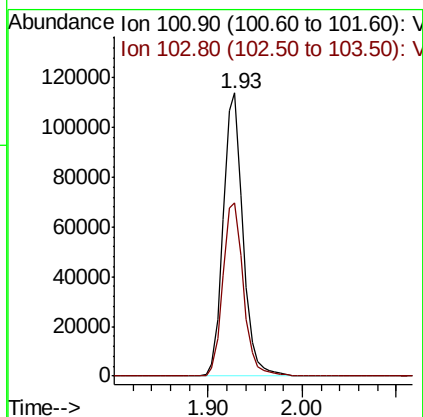
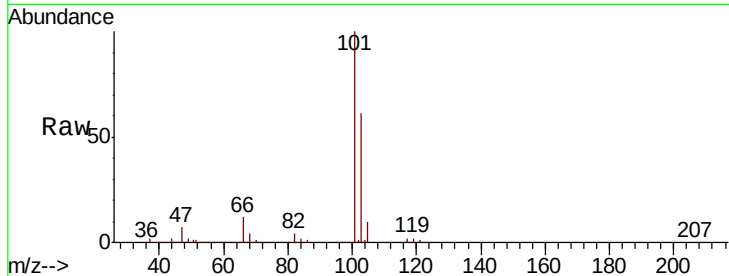
Trichlorofluoromethane  
 Concen: 47.564 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 61.1  | 50.0  | 75.0  |

Manual Integrations  
 APPROVED

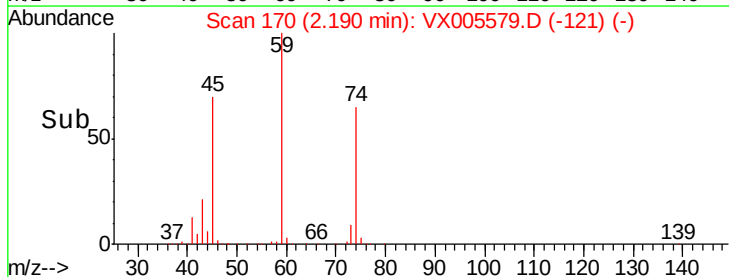
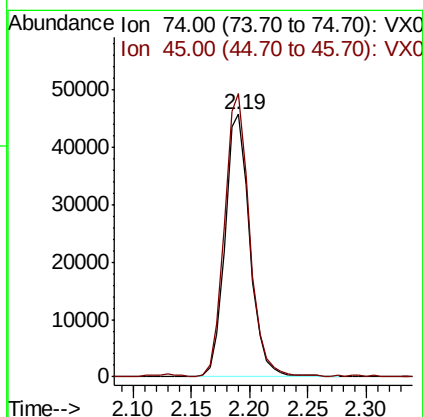
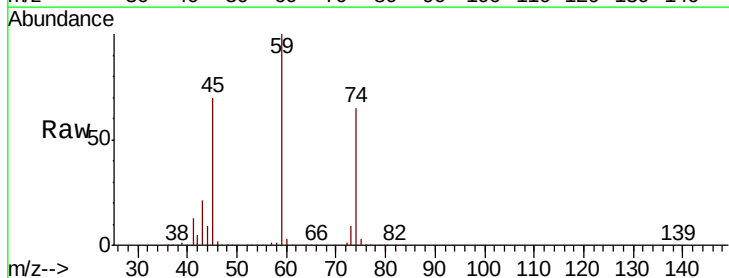
MMDadoda  
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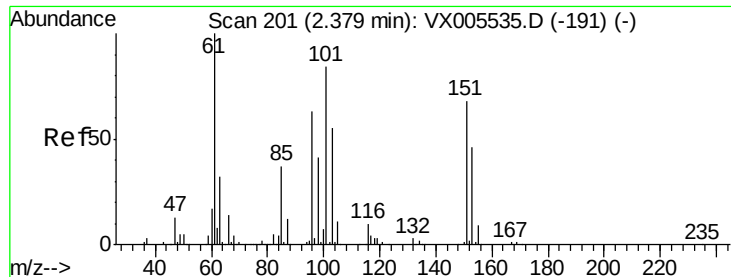
#8

Diethyl Ether  
 Concen: 48.619 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 108.1 | 54.1  | 162.3 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.894 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

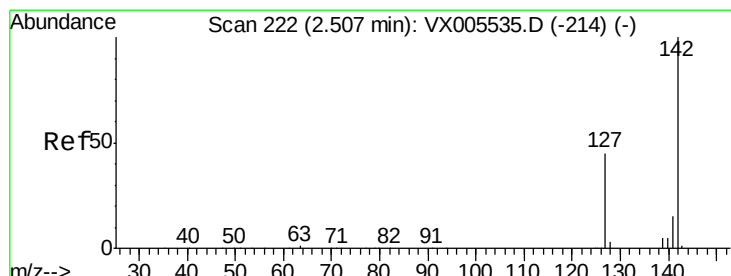
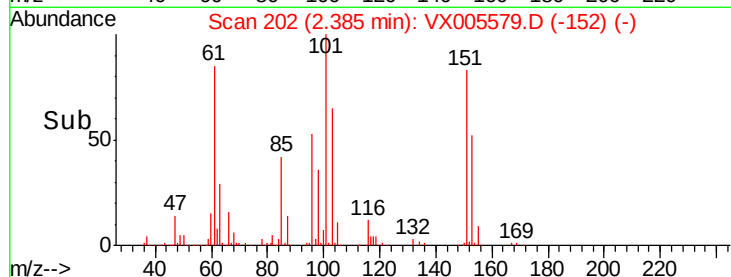
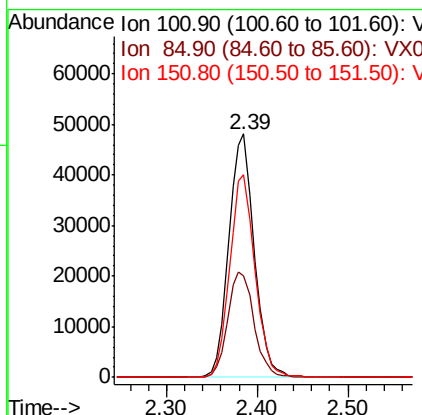
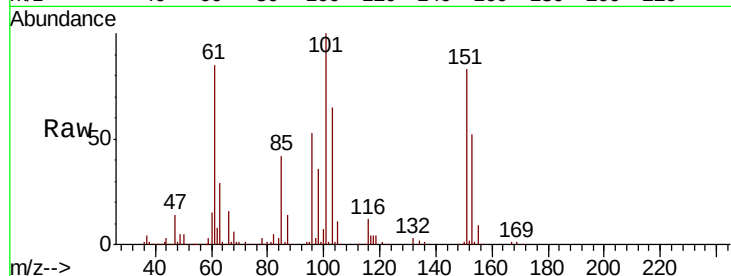
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 93394 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.6  | 35.0  | 52.4  |
| 151       | 83.0  | 66.2  | 99.2  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 55.422 ug/l

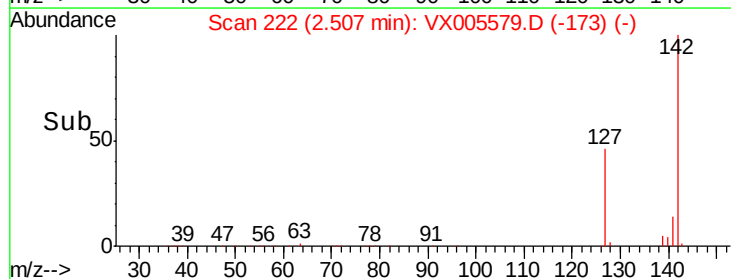
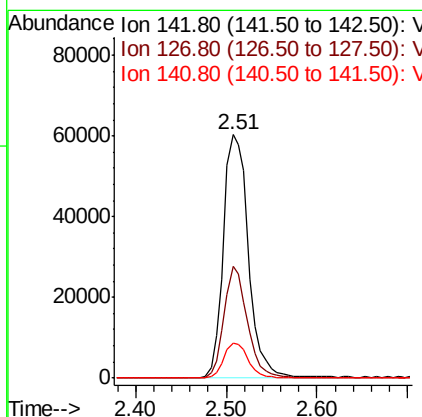
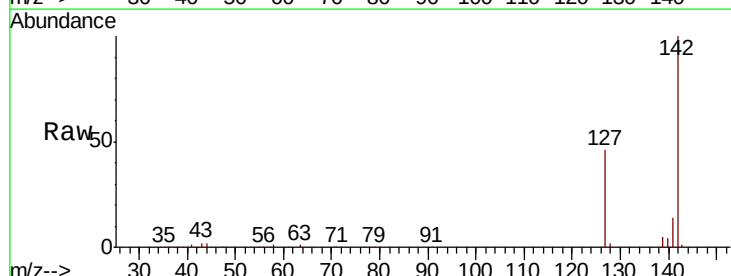
RT: 2.51 min Scan# 222

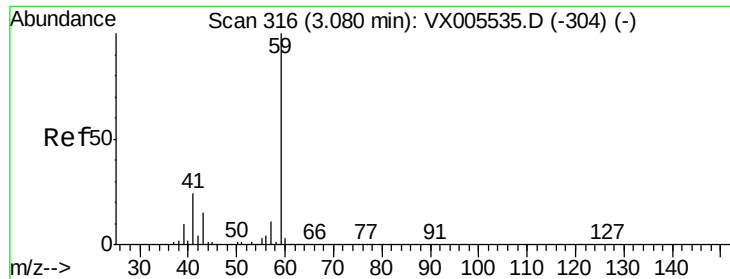
Delta R.T. 0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 115926 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.9  | 36.0  | 54.0   |
| 141       | 14.2  | 11.7  | 17.5   |





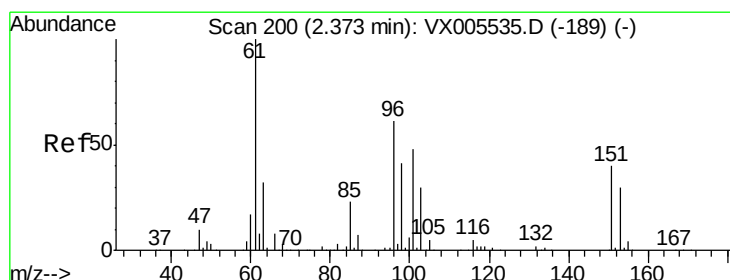
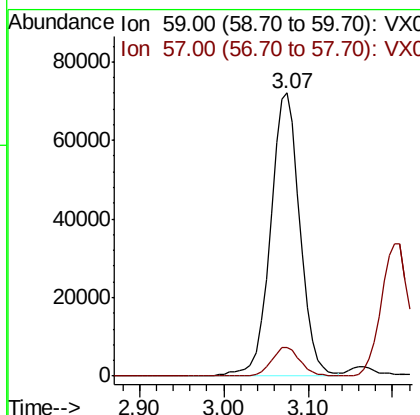
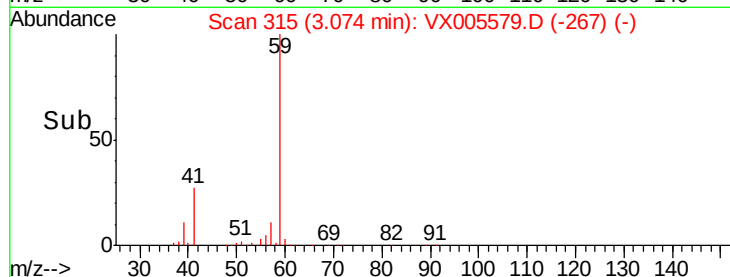
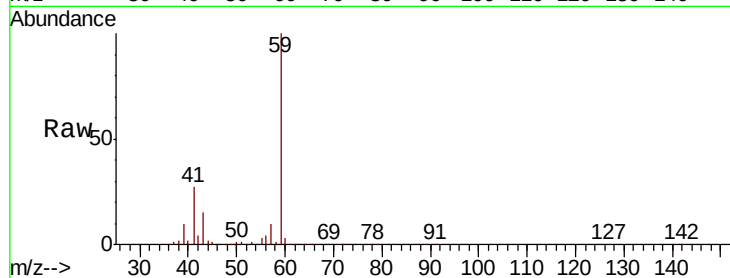
#11  
Tert butyl alcohol  
Concen: 261.922 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 59 Resp: 173892  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.5 12.7

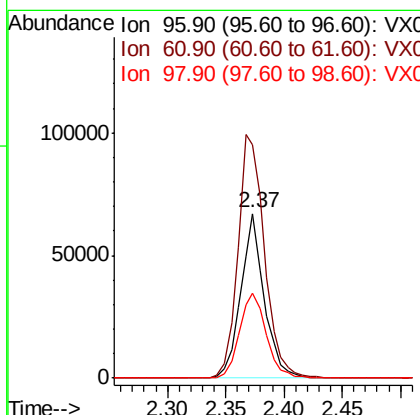
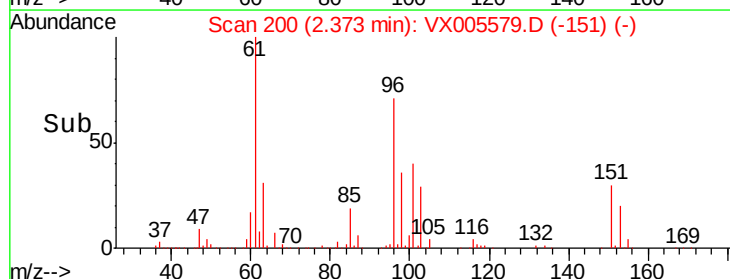
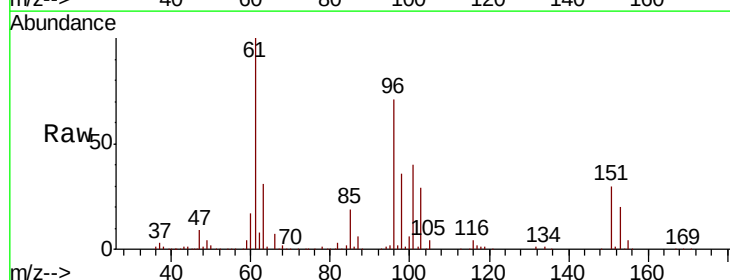
Manual Integrations  
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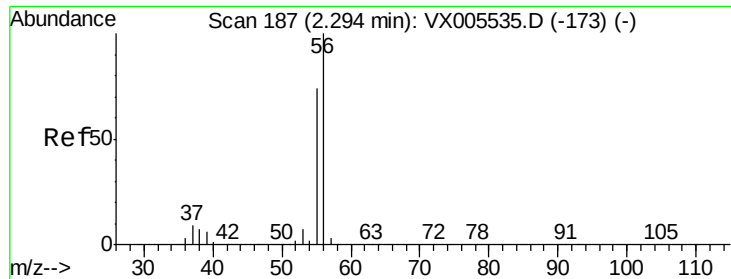
MMDadoda  
10/26/2018 1:41:28 PM



#12  
1,1-Dichloroethene  
Concen: 49.588 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Tgt Ion: 96 Resp: 94080  
Ion Ratio Lower Upper  
96 100  
61 141.6 131.8 197.8  
98 51.6 53.4 80.2#





#13

Acrolein

Concen: 222.226 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 75260

Ion Ratio Lower Upper

56 100

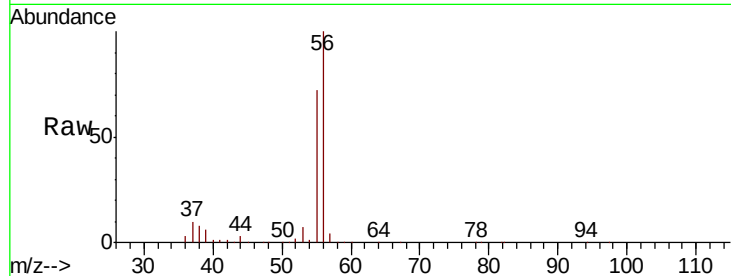
55 71.8 57.3 85.9

Manual Integrations

APPROVED

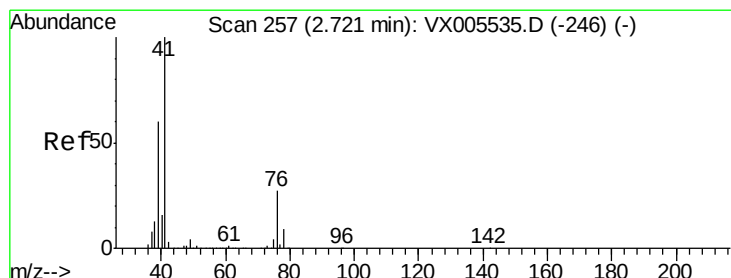
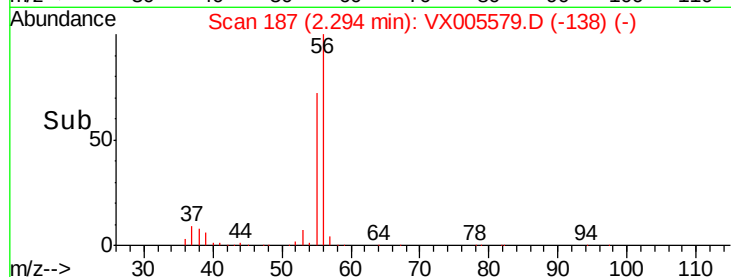
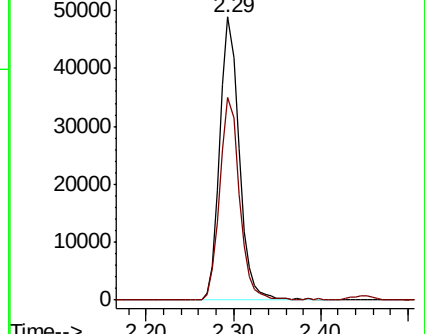
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.416 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

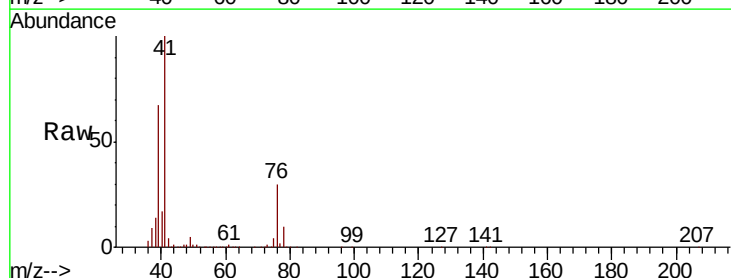
Tgt Ion: 41 Resp: 196535

Ion Ratio Lower Upper

41 100

39 60.3 48.2 72.4

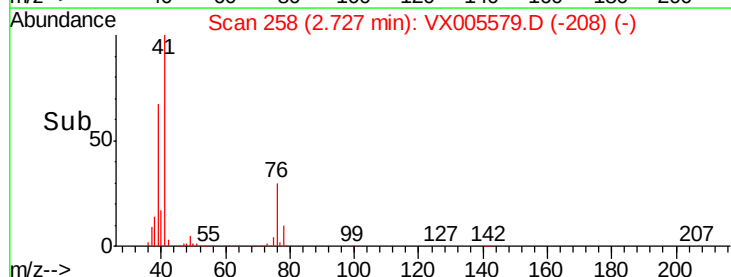
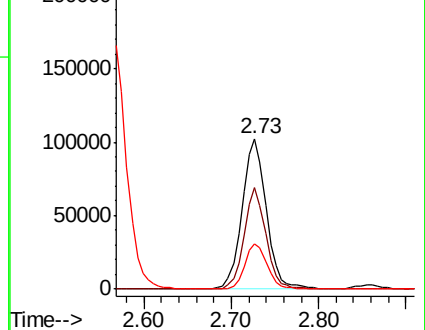
76 28.2 21.9 32.9

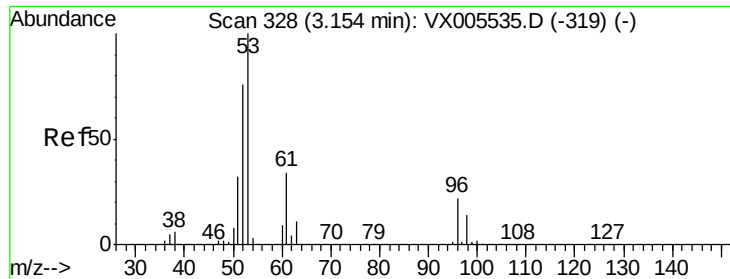


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





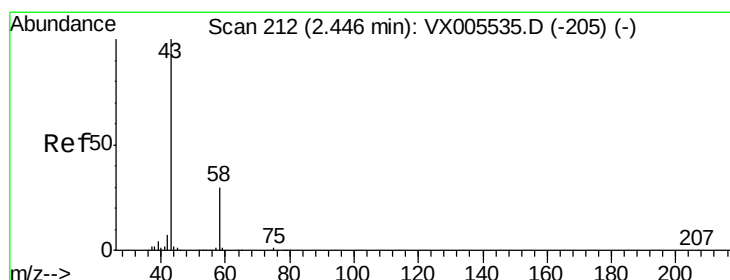
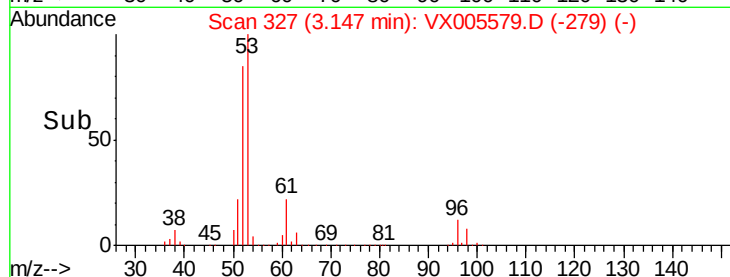
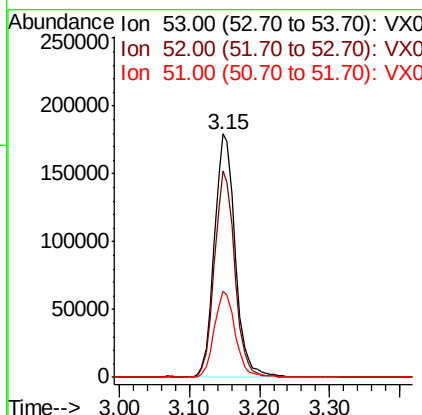
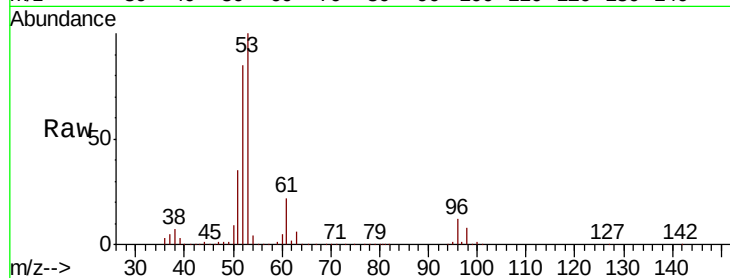
#15  
 Acrylonitrile  
 Concen: 247.884 ug/l  
 RT: 3.15 min Scan# 327  
 Delta R.T. -0.01 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.7  | 66.6  | 99.8  |
| 51      | 35.9  | 28.4  | 42.6  |

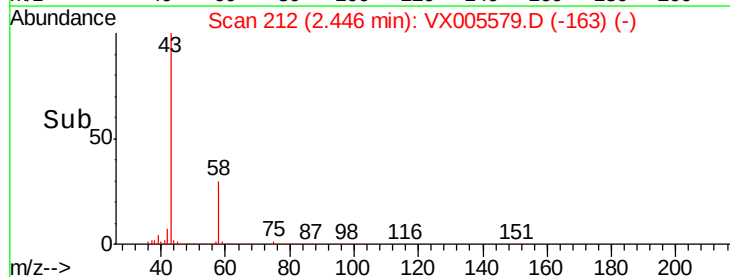
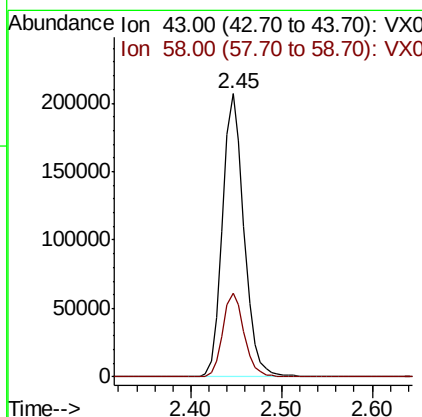
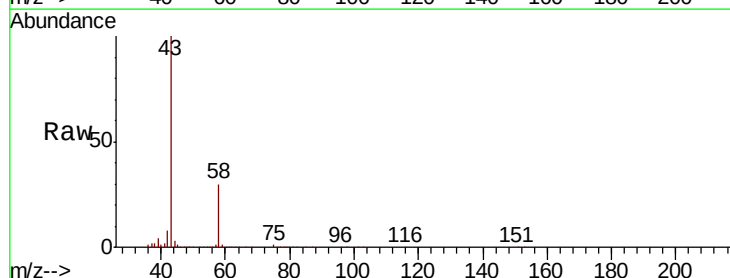
Manual Integrations  
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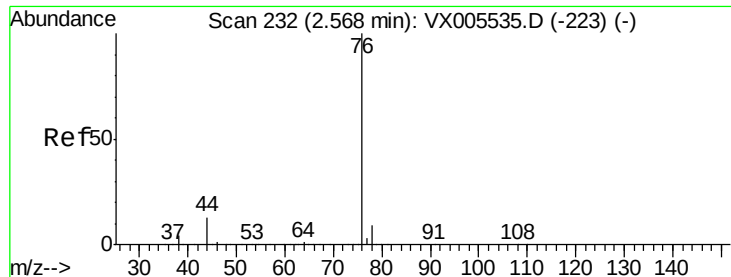
MMDadoda  
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#16  
 Acetone  
 Concen: 260.694 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 29.7  | 23.8  | 35.6  |





#17

Carbon Disulfide

Concen: 45.910 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 265515

Ion Ratio Lower Upper

76 100

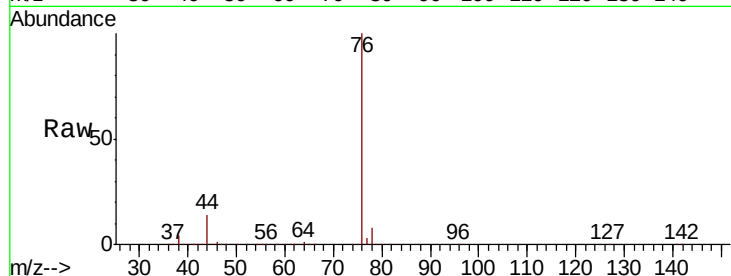
78 8.3 7.3 10.9

Manual Integrations

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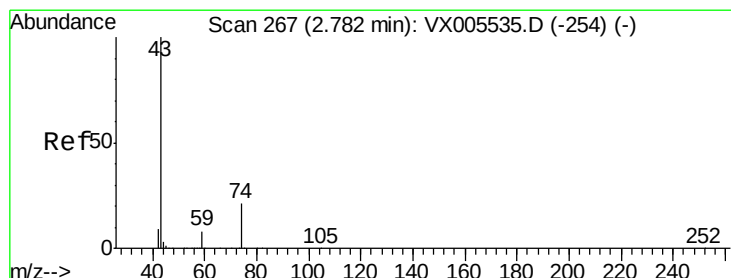
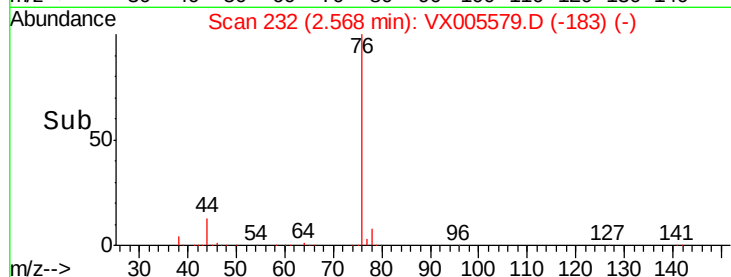
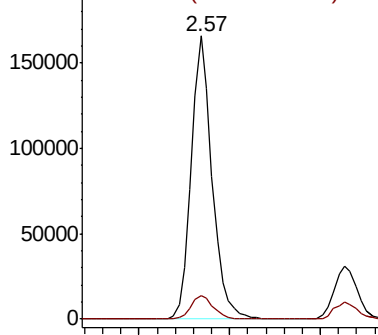
MMDadoda

10/26/2018 1:41:28 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.419 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005579.D

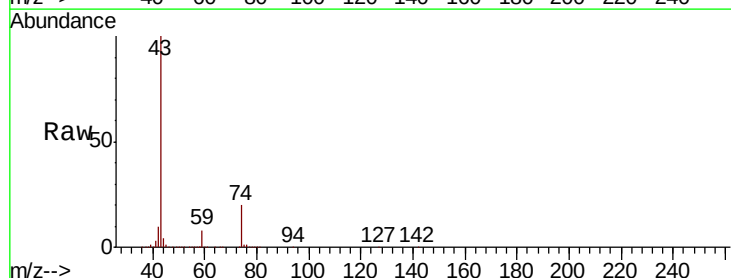
Acq: 25 Oct 2018 08:57

Tgt Ion: 43 Resp: 181100

Ion Ratio Lower Upper

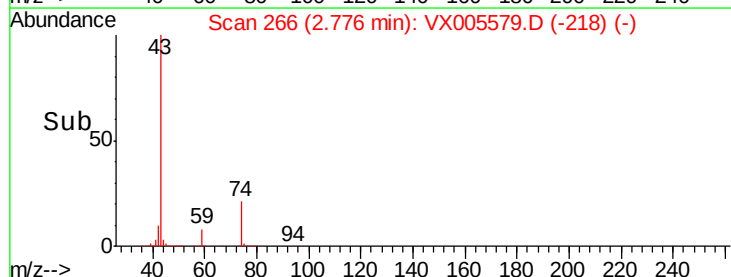
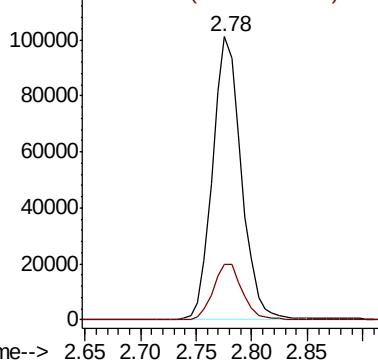
43 100

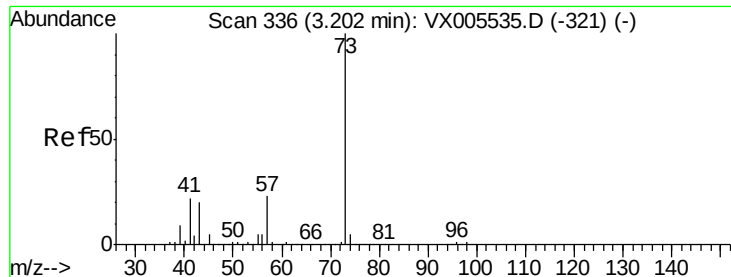
74 20.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





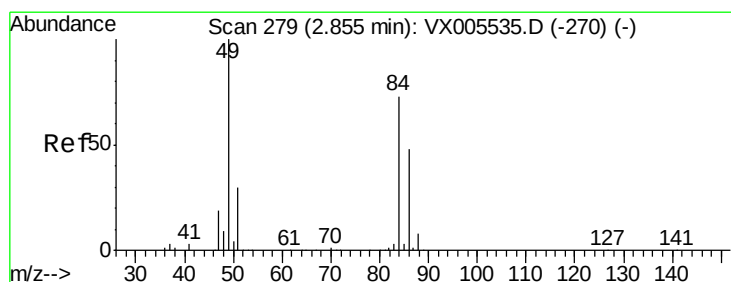
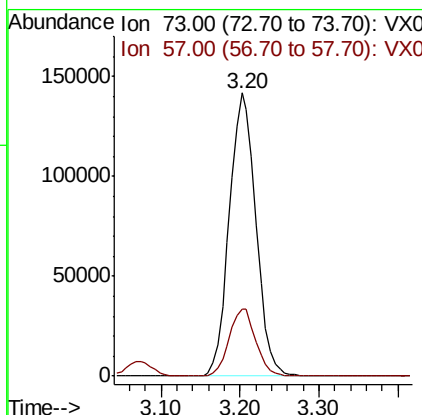
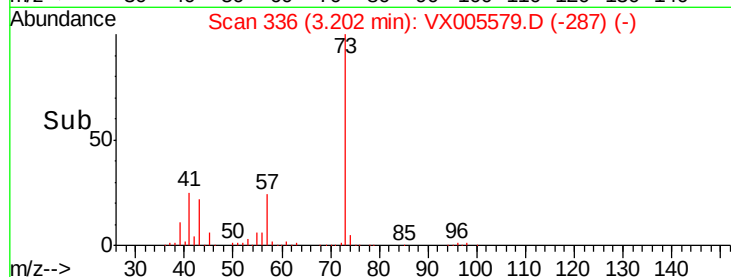
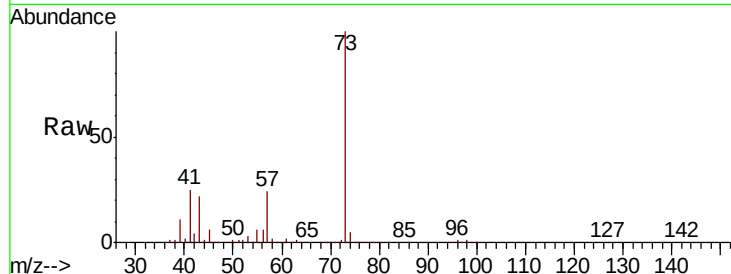
#19  
Methyl tert-butyl Ether  
Concen: 49.154 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 332660  
Ion Ratio Lower Upper  
73 100  
57 23.7 18.8 28.2

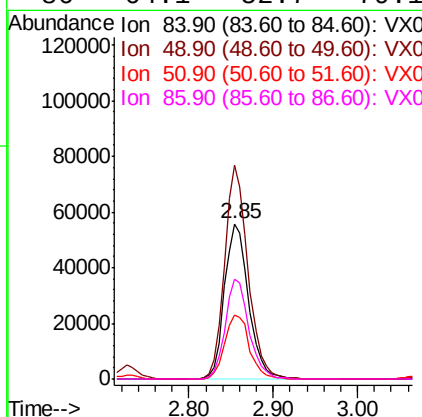
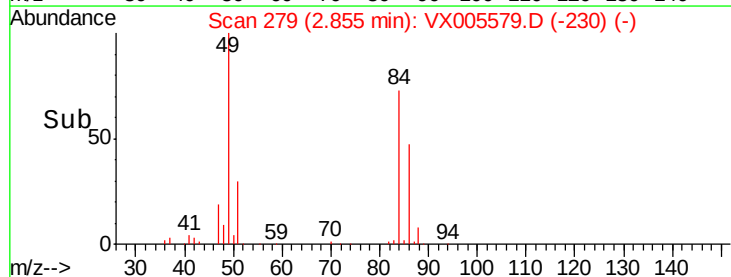
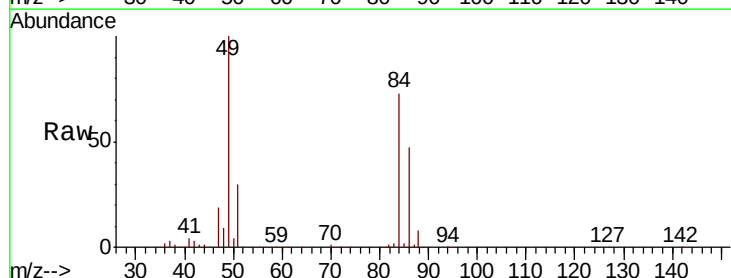
Manual Integrations  
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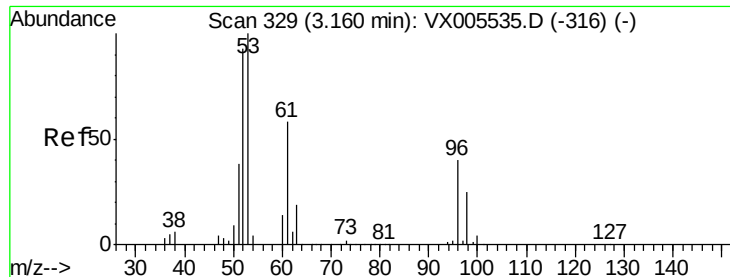
MMDadoda  
10/26/2018 1:41:28 PM



#20  
Methylene Chloride  
Concen: 49.965 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Tgt Ion: 84 Resp: 109096  
Ion Ratio Lower Upper  
84 100  
49 137.6 109.5 164.3  
51 41.3 33.3 49.9  
86 64.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.387 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

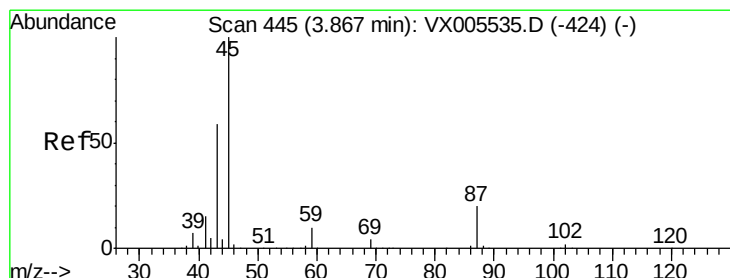
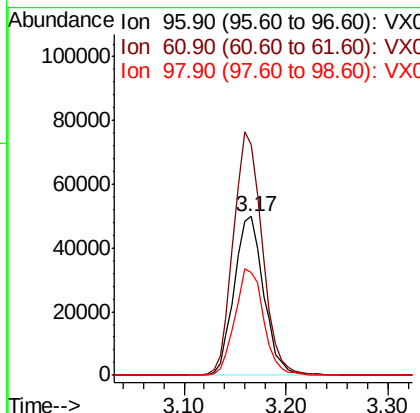
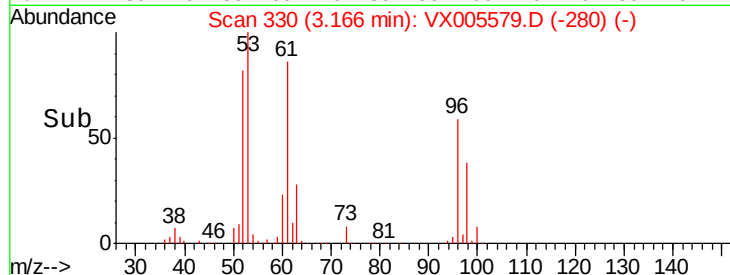
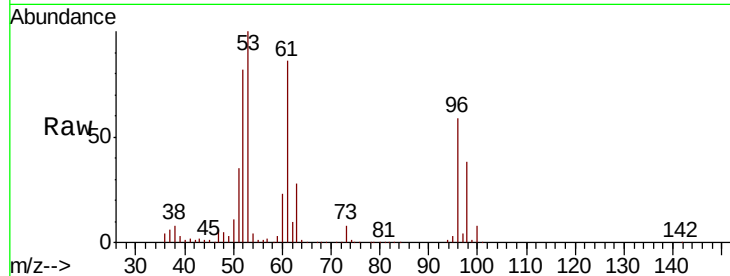
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 100232 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 145.5 | 115.6 | 173.4  |
| 98       | 65.0  | 50.2  | 75.2   |

Manual Integrations  
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MMDadoda  
10/26/2018 1:41:28 PM



#22

Diisopropyl ether

Concen: 47.395 ug/l

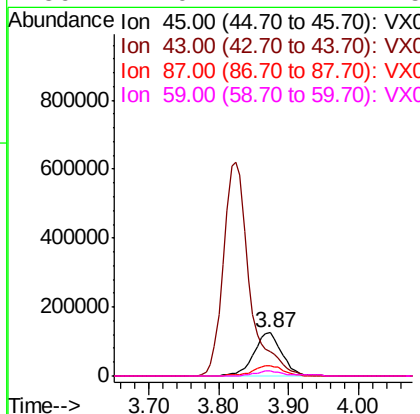
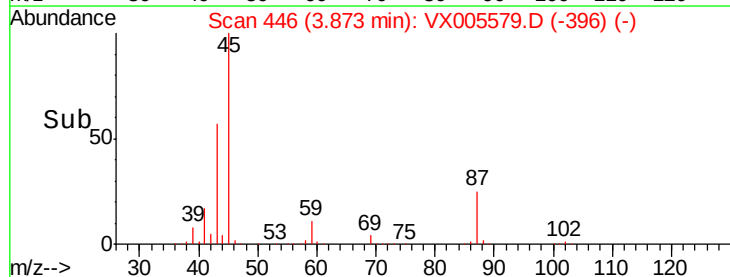
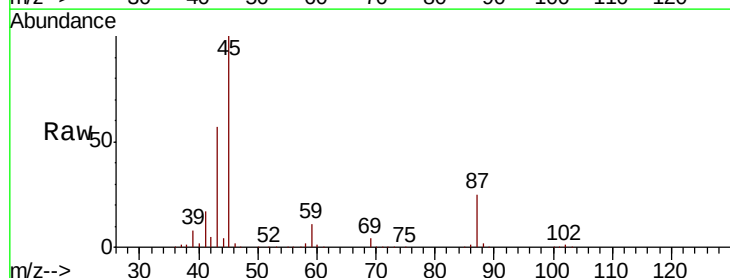
RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

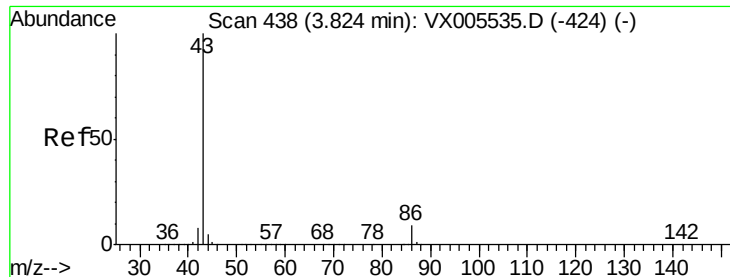
Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 350447 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 56.9  | 47.4  | 71.2   |
| 87       | 24.8  | 15.9  | 23.9#  |
| 59       | 11.0  | 7.7   | 11.5   |







#23

Vinyl Acetate

Concen: 246.766 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1606971

Ion Ratio Lower Upper

43 100

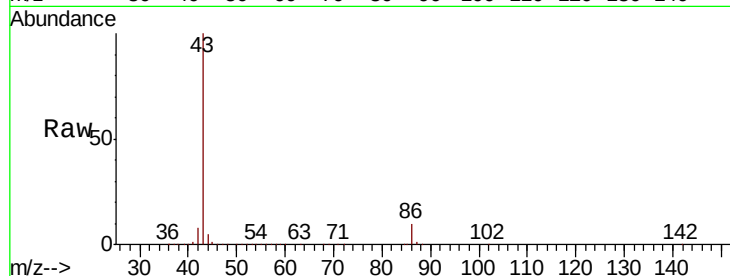
86 10.3 7.4 11.2

Manual Integrations

APPROVED

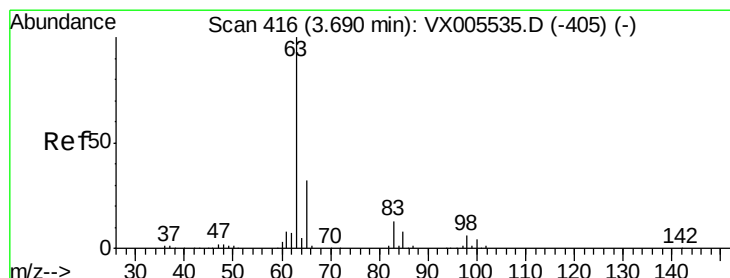
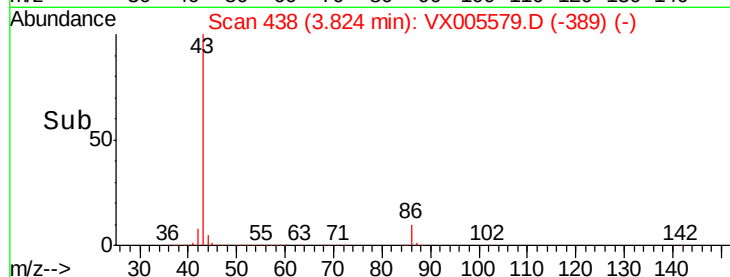
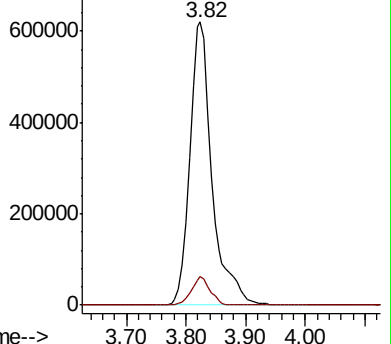
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.845 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

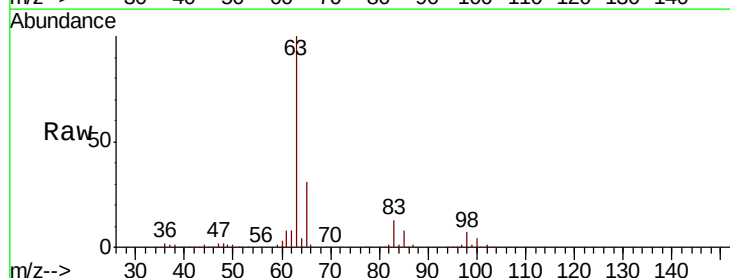
Tgt Ion: 63 Resp: 196360

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

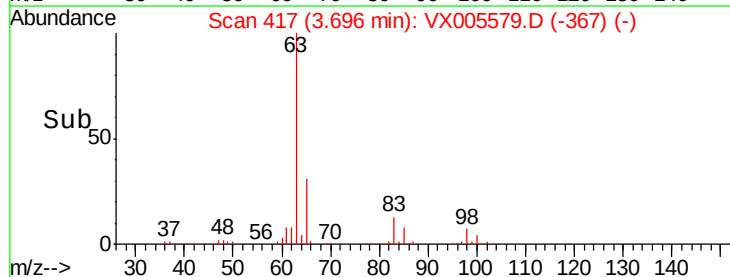
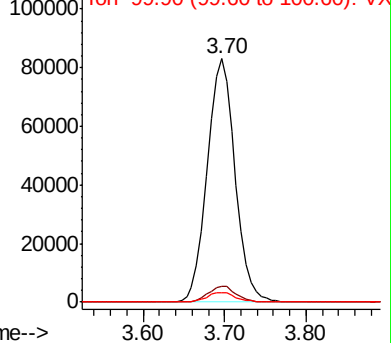
100 4.0 2.1 6.2

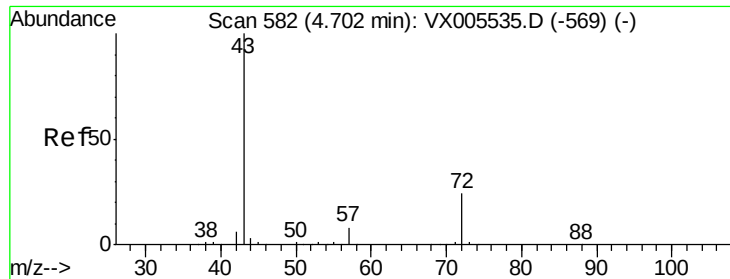


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 261.565 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 519272

Ion Ratio Lower Upper

43 100

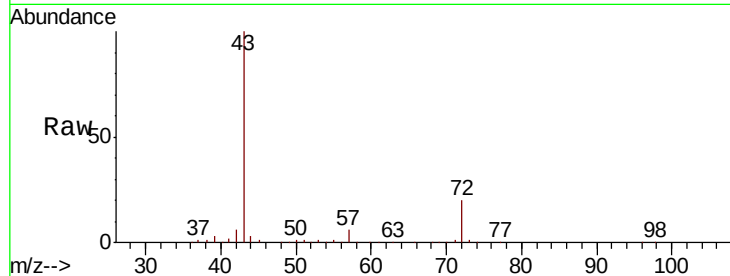
72 19.7 19.2 28.8

Manual Integrations

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10/26/2018 1:41:28 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

0

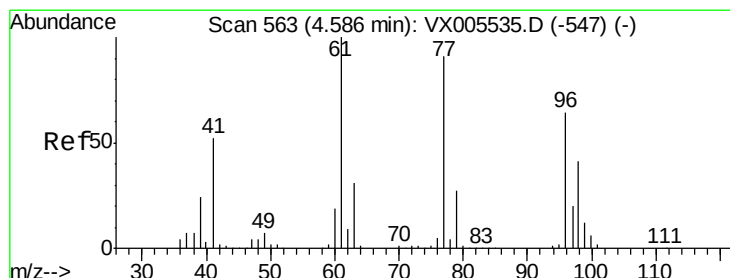
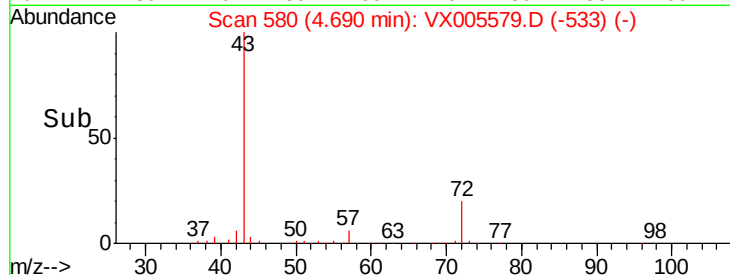
4.69

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 30.173 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005579.D

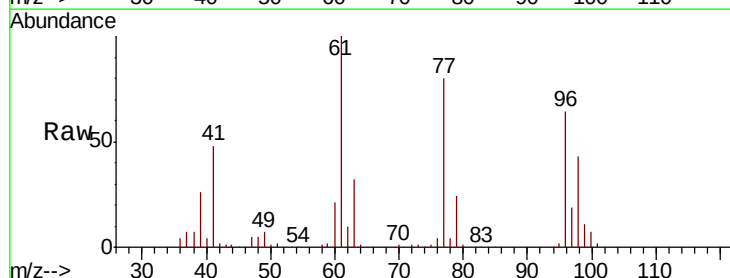
Acq: 25 Oct 2018 08:57

Tgt Ion: 77 Resp: 93648

Ion Ratio Lower Upper

77 100

97 24.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

10000

0

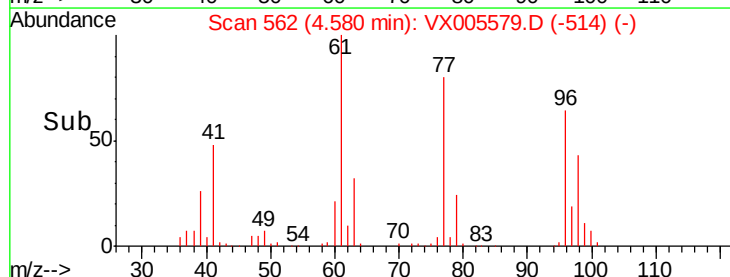
4.58

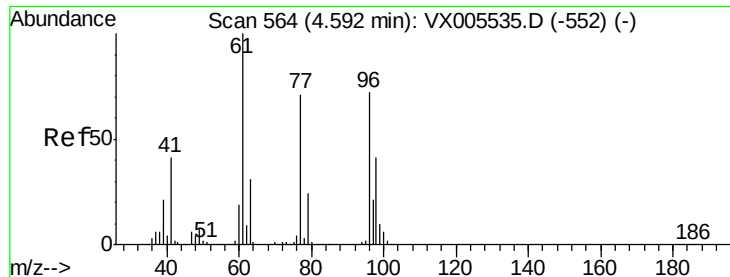
4.50

4.60

4.70

Time-->





#27

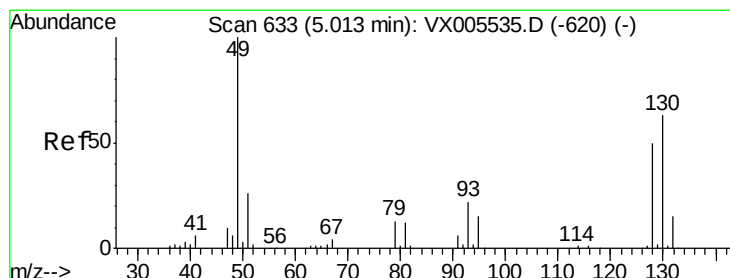
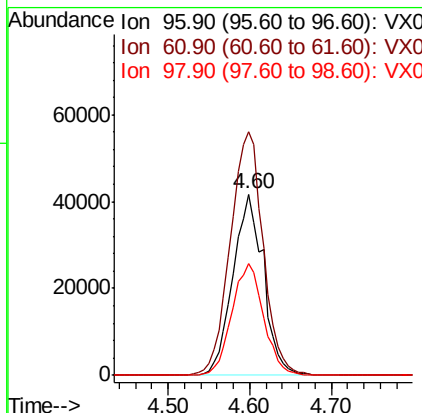
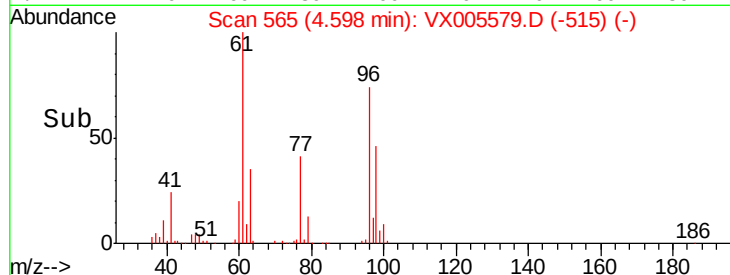
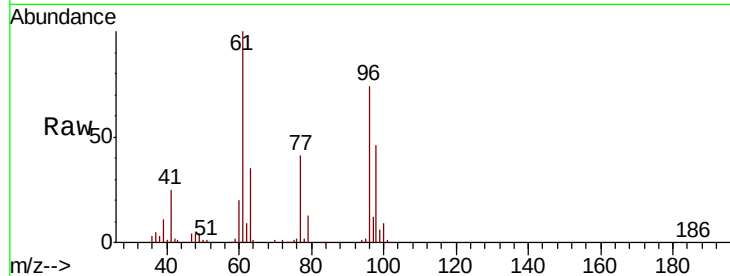
cis-1,2-Dichloroethene  
Concen: 48.574 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 144.0 | 0.0  | 304.6 |       |
| 98      | 63.6  | 0.0  | 127.4 |       |

Manual Integrations  
APPROVED

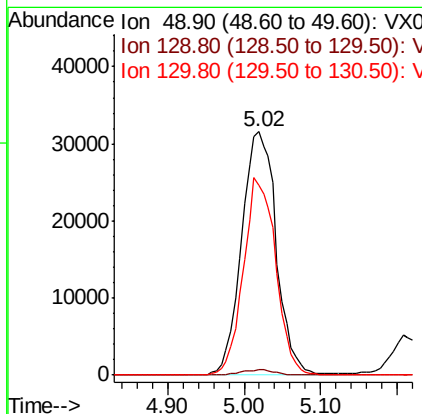
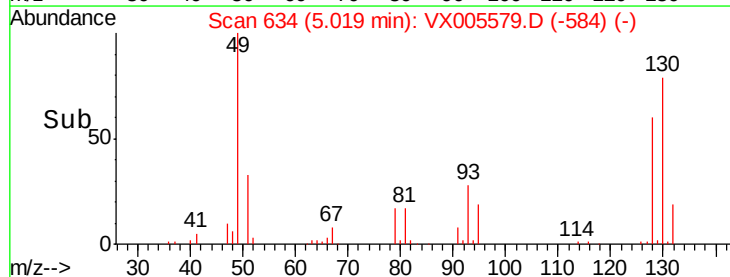
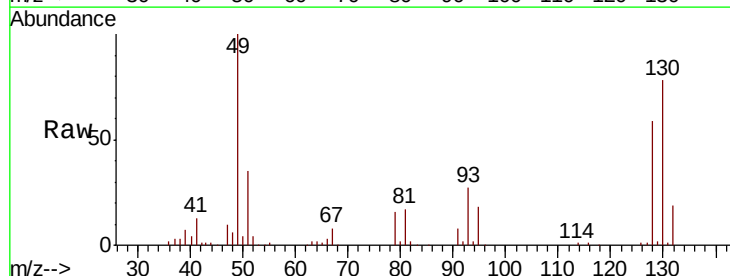
MMDadoda  
10/26/2018 1:41:28 PM

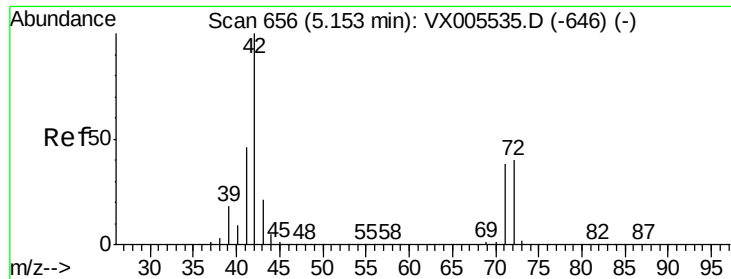


#28

Bromochloromethane  
Concen: 51.178 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.01 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.1   | 0.0  | 4.0   |       |
| 130     | 75.6  | 58.9 | 88.3  |       |





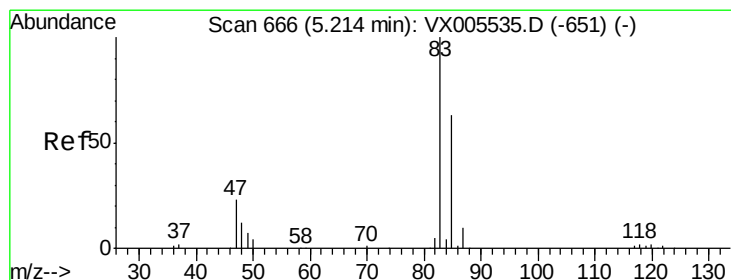
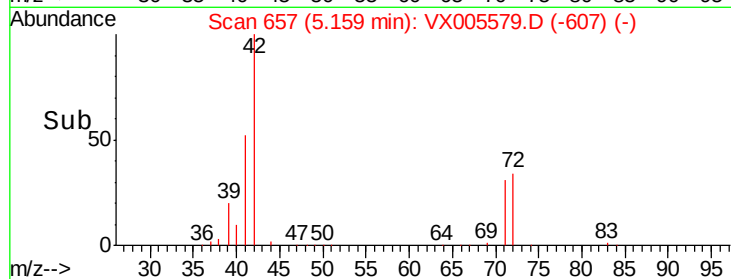
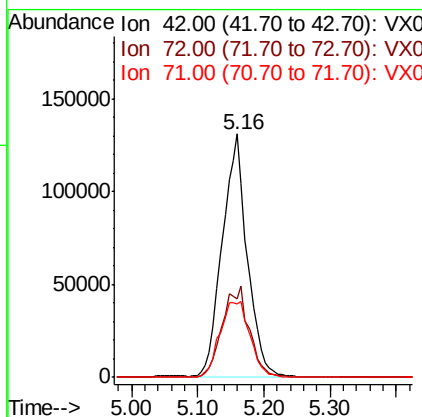
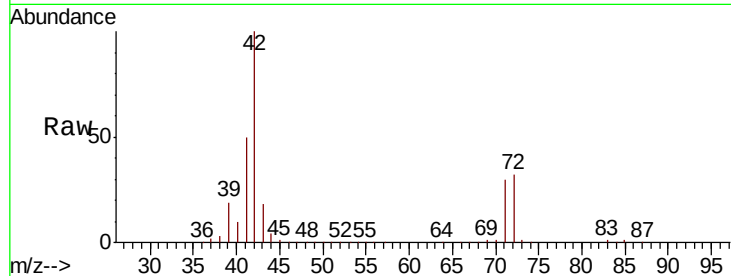
#29  
Tetrahydrofuran  
Concen: 264.946 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.5  | 32.0  | 48.0  |
| 71      | 37.5  | 29.8  | 44.8  |

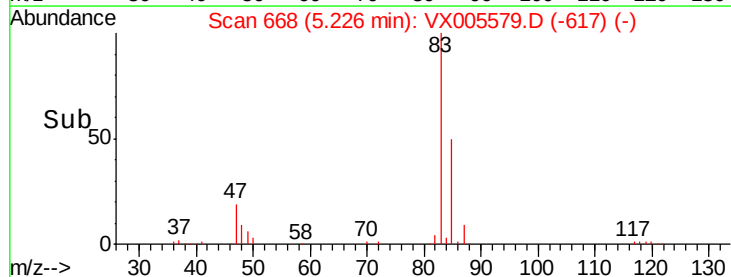
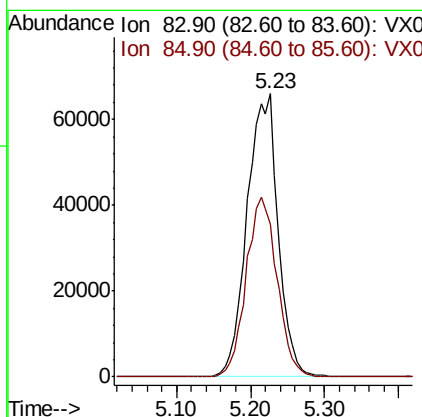
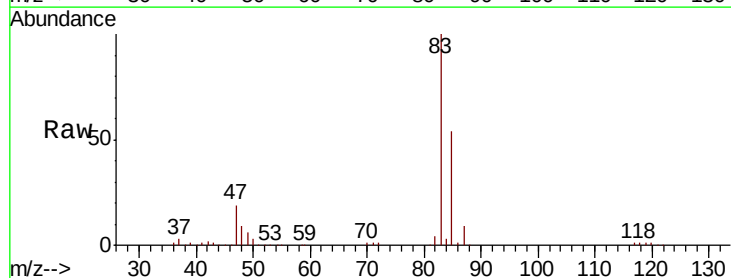
Manual Integrations  
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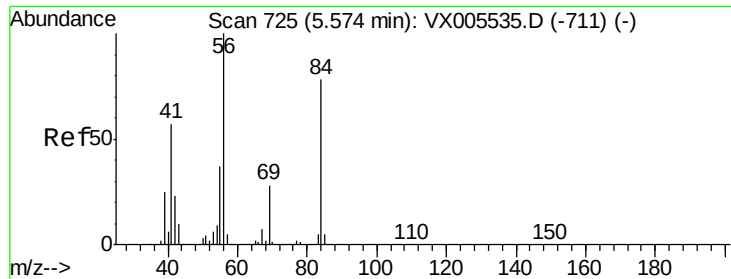
MMDadoda  
10/26/2018 1:41:28 PM



#30  
Chloroform  
Concen: 51.372 ug/l  
RT: 5.23 min Scan# 668  
Delta R.T. 0.01 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 54.0  | 50.6  | 76.0  |





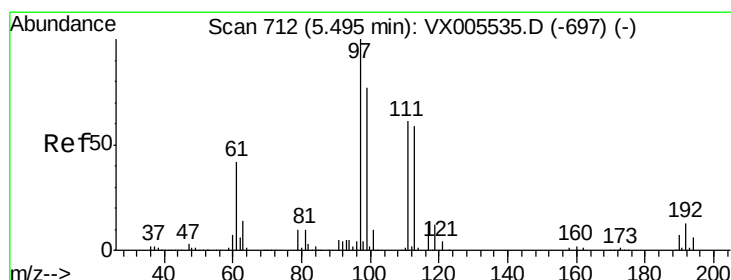
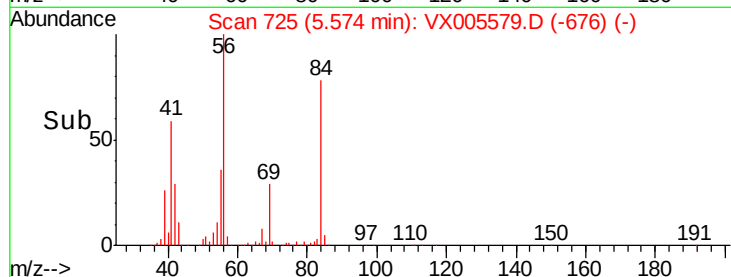
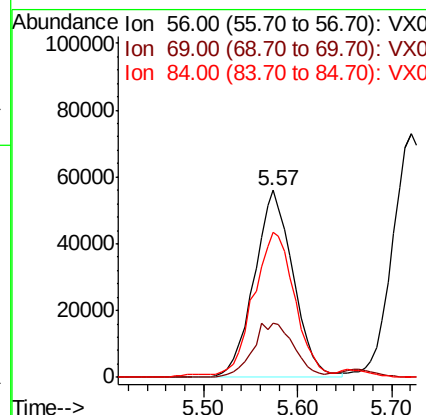
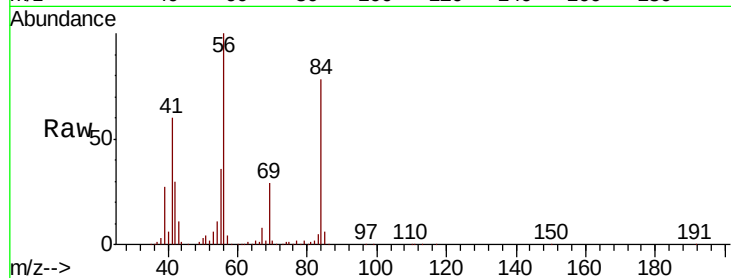
#31  
Cyclohexane  
Concen: 48.789 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.0  | 22.6  | 34.0  |
| 84      | 76.4  | 62.7  | 94.1  |

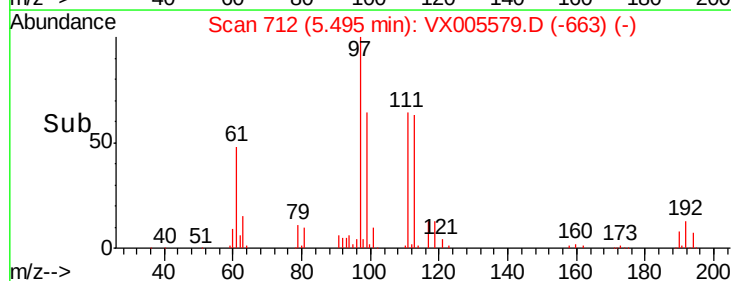
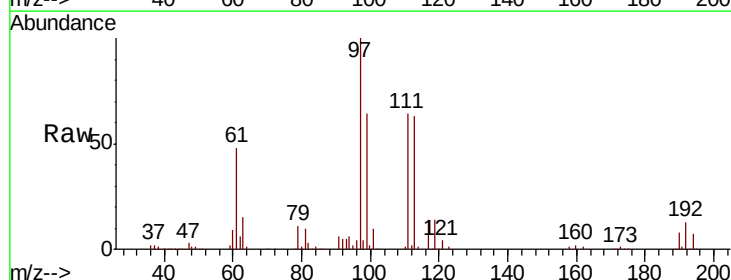
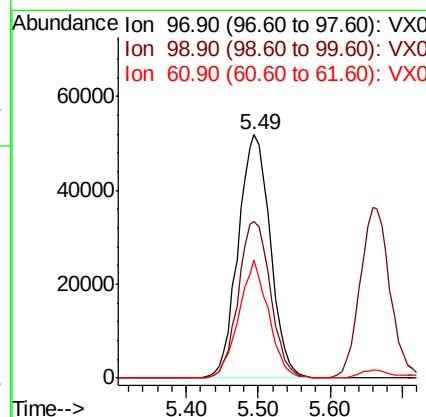
Manual Integrations  
APPROVED

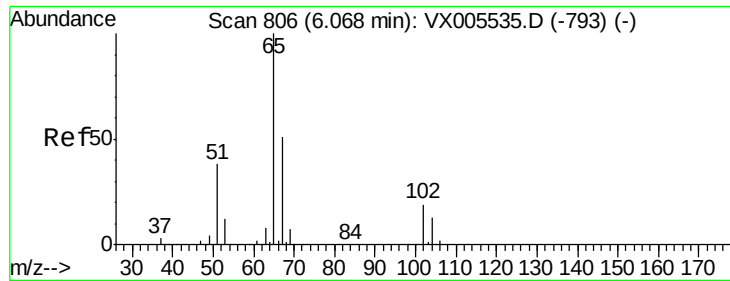
MMDadoda  
10/26/2018 1:41:28 PM



#32  
1,1,1-Trichloroethane  
Concen: 48.435 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.5  | 52.3  | 78.5  |
| 61      | 44.8  | 35.2  | 52.8  |





#33

1,2-Dichloroethane-d4

Concen: 51.397 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 126806

Ion Ratio Lower Upper

65 100

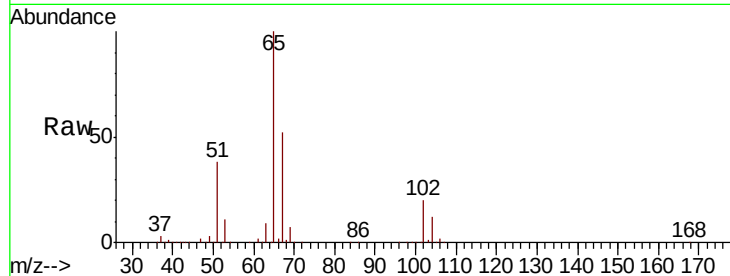
67 52.8 0.0 105.0

Manual Integrations

APPROVED

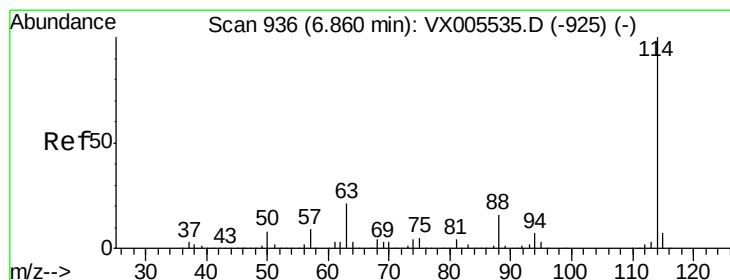
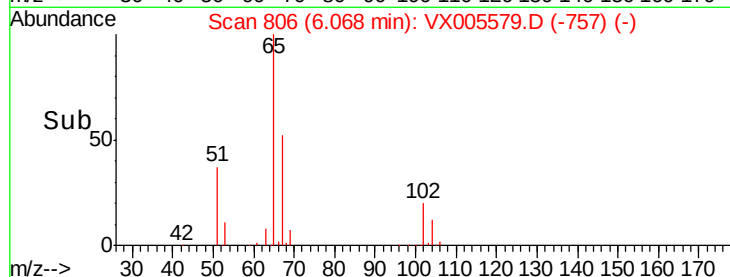
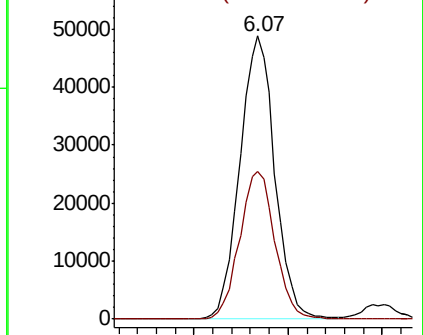
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

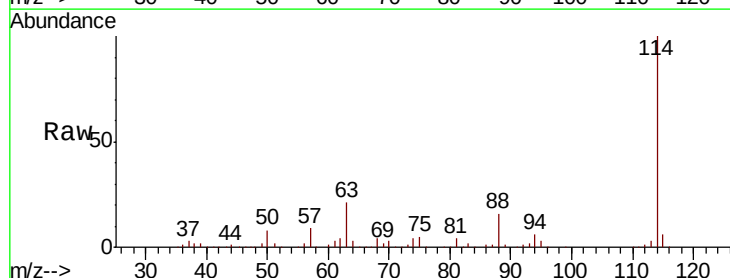
Tgt Ion: 114 Resp: 299491

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

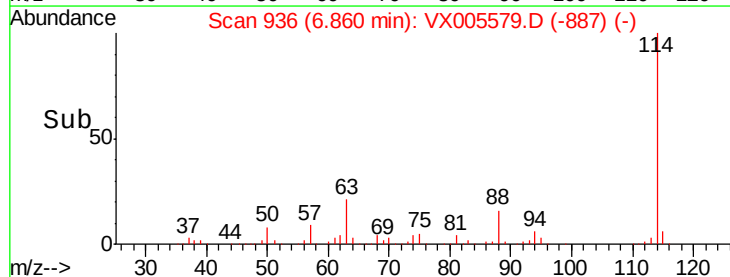
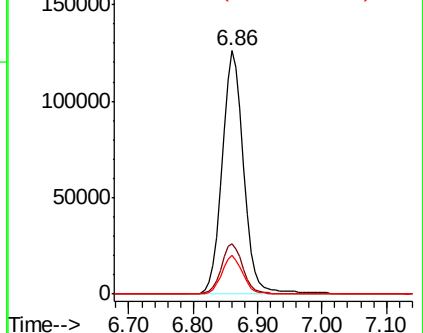
88 15.9 0.0 31.2

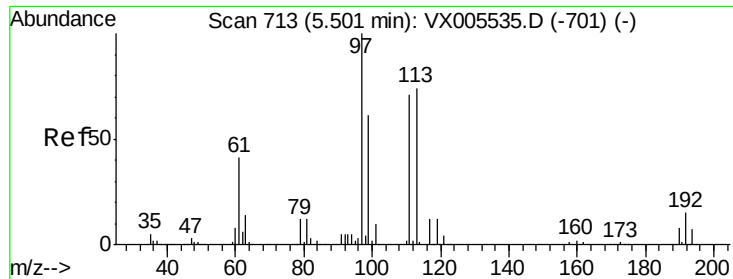


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.785 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

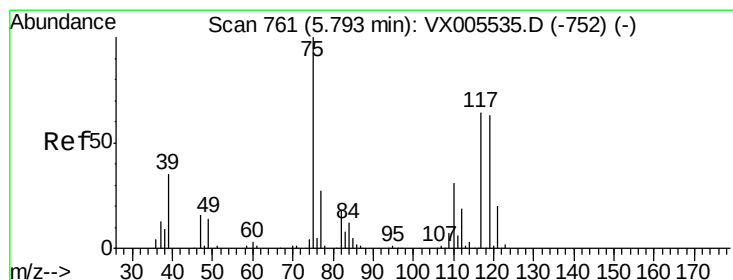
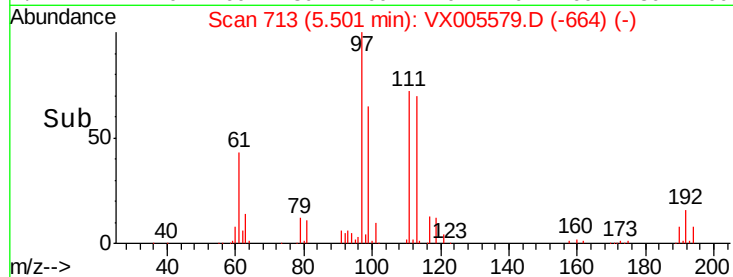
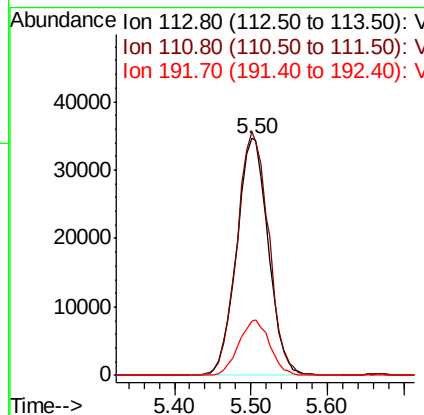
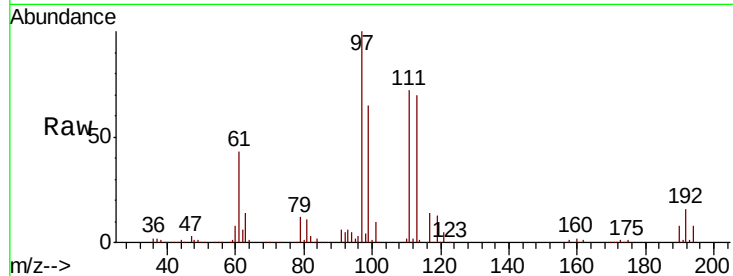
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 98932 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.8 | 82.3  | 123.5 |
| 192      | 23.1  | 17.9  | 26.9  |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 49.202 ug/l

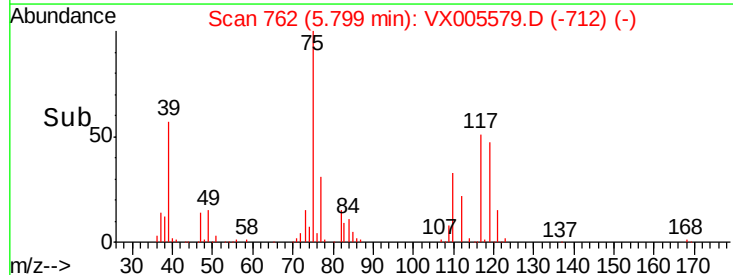
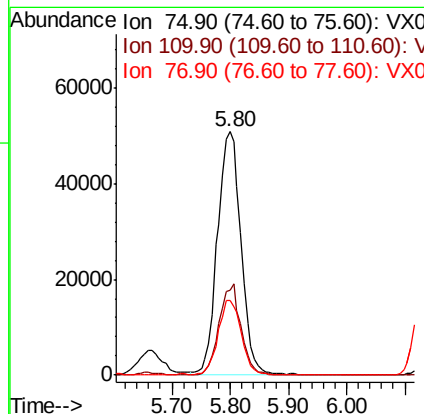
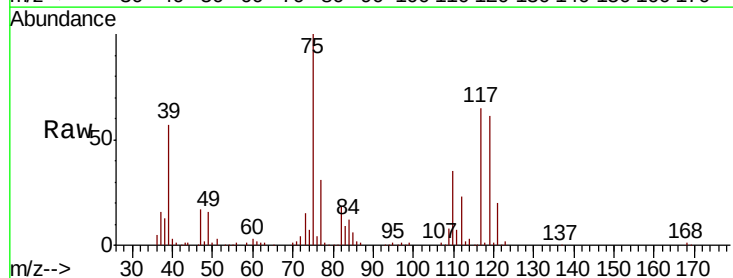
RT: 5.80 min Scan# 762

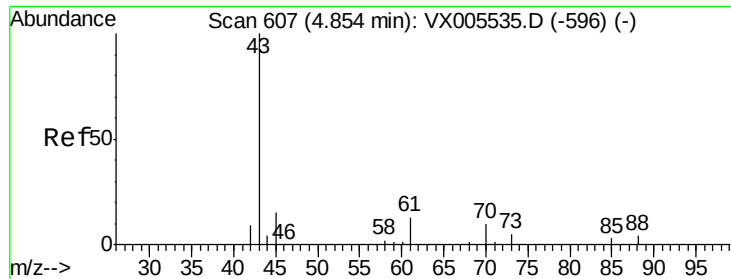
Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 143001 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 34.6  | 17.4  | 52.2   |
| 77       | 30.1  | 25.8  | 38.6   |





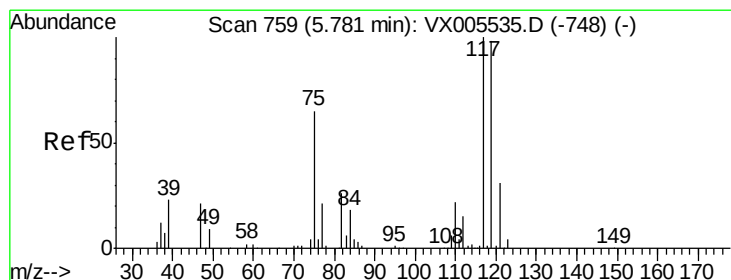
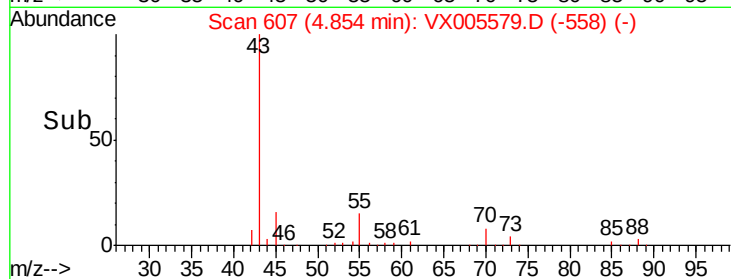
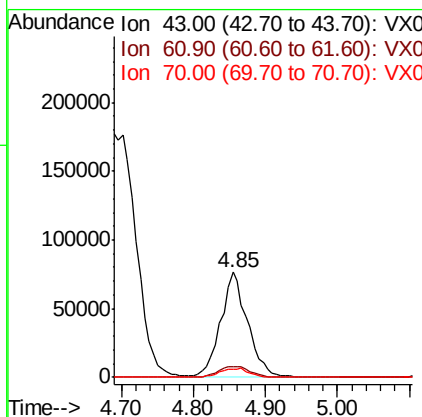
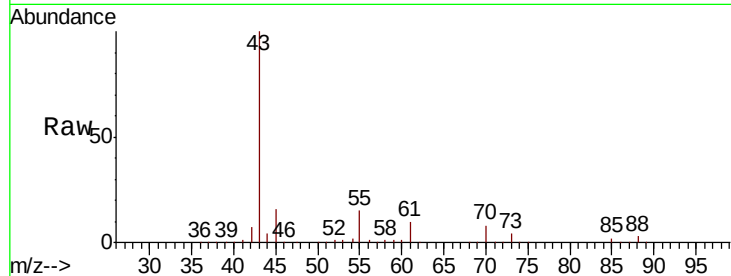
#37  
Ethyl Acetate  
Concen: 53.588 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.6  | 10.8  | 16.2  |
| 70      | 9.3   | 7.8   | 11.8  |

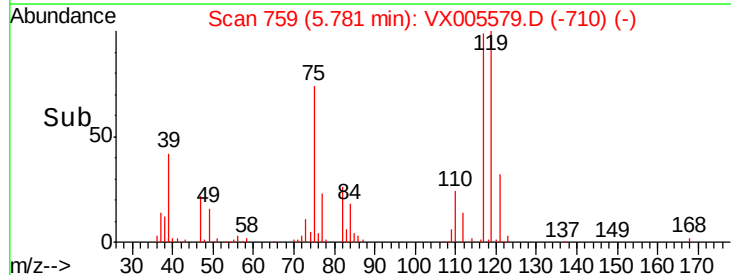
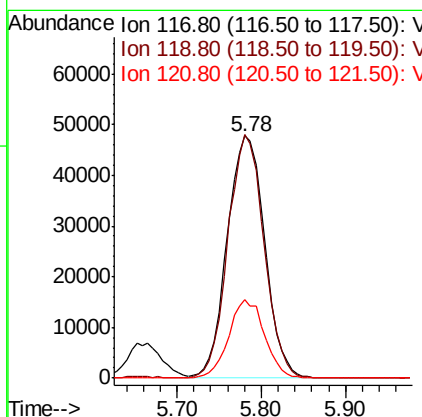
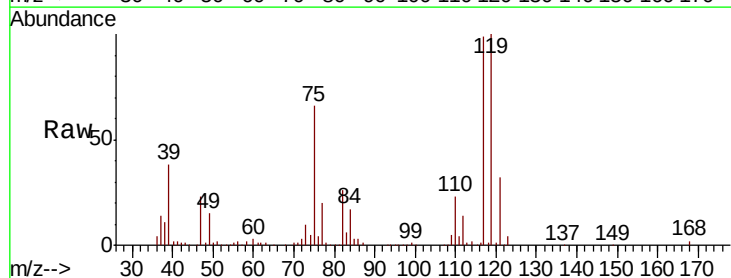
Manual Integrations  
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10/26/2018 1:41:28 PM

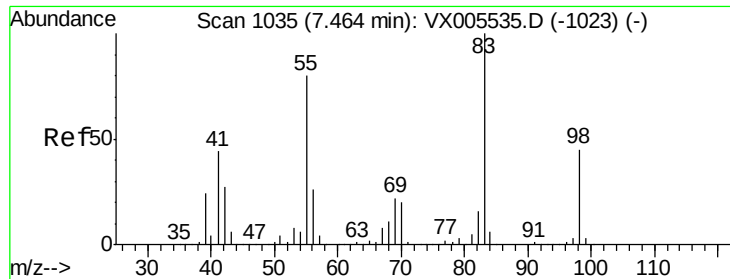


#38  
Carbon Tetrachloride  
Concen: 47.206 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 100.7 | 78.1  | 117.1 |
| 121     | 32.4  | 24.6  | 36.8  |







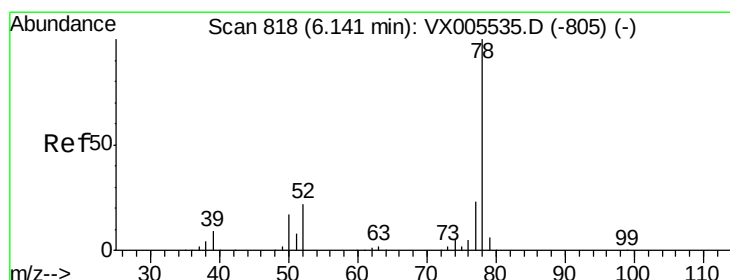
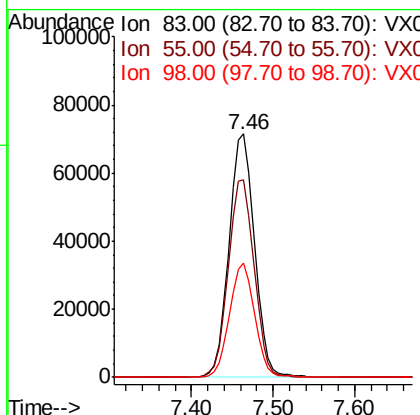
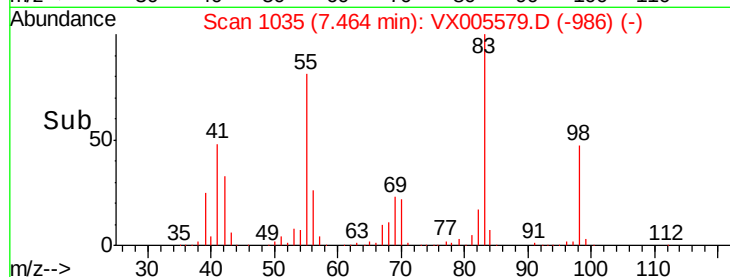
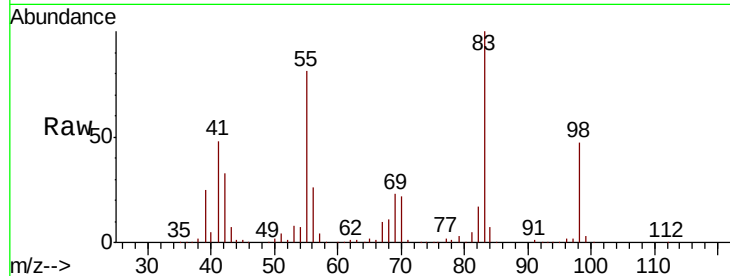
#39  
Methylvlcyclohexane  
Concen: 47.841 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 83    | Resp  | 153540 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 81.1  | 63.7  | 95.5   |
| 98        | 47.2  | 36.2  | 54.2   |

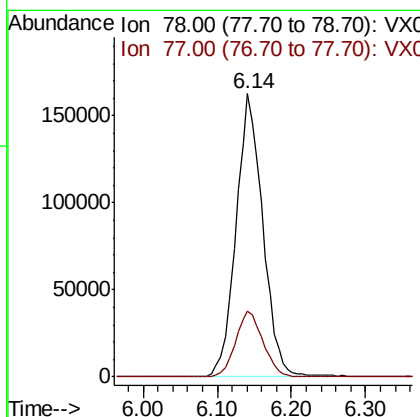
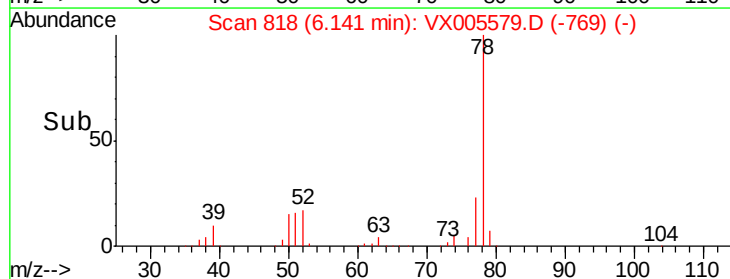
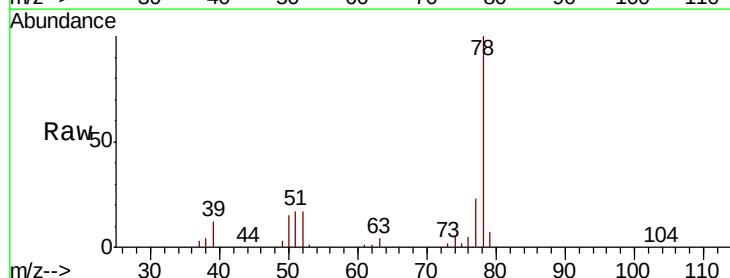
Manual Integrations  
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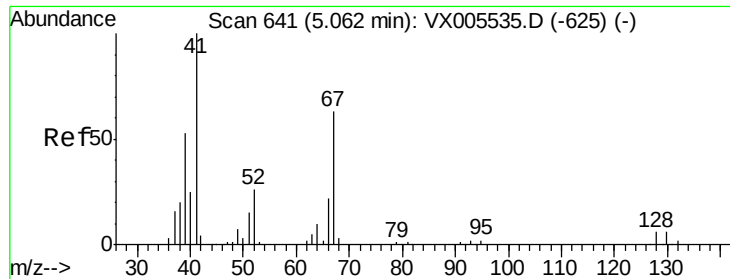
MMDadoda  
10/26/2018 1:41:28 PM



#40  
Benzene  
Concen: 49.271 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion   | 78    | Resp  | 410504 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.2  | 18.4  | 27.6   |





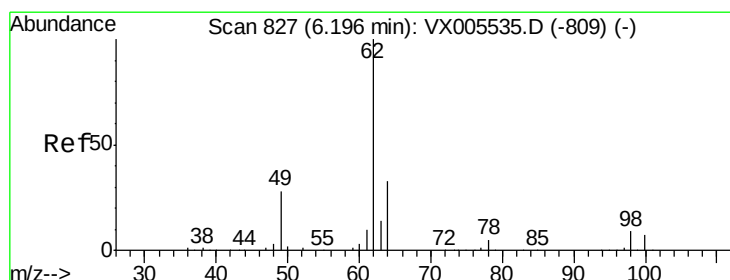
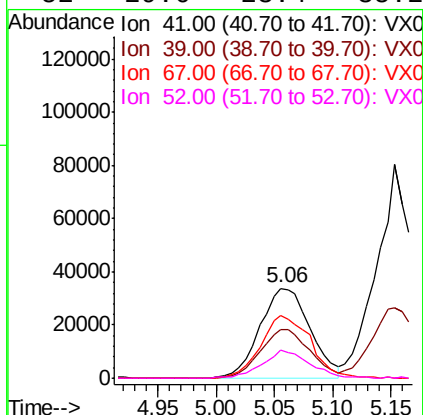
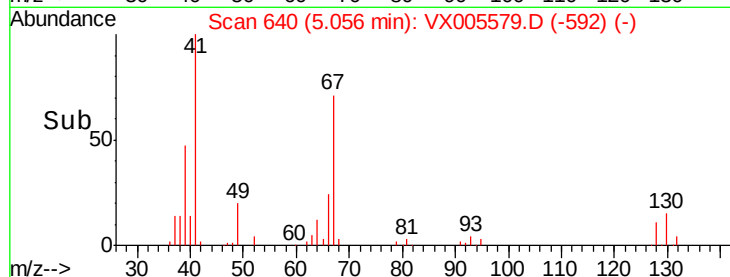
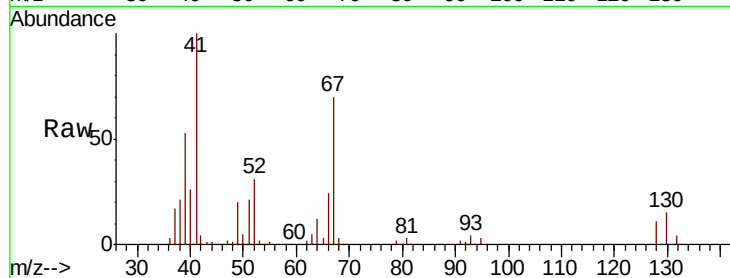
#41  
Methacrylonitrile  
Concen: 48.705 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.6 | 42.2  | 63.2  |       |
| 67      | 69.9 | 53.4  | 80.0  |       |
| 52      | 29.6 | 23.4  | 35.2  |       |

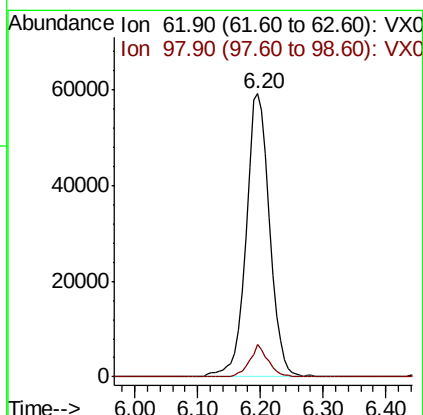
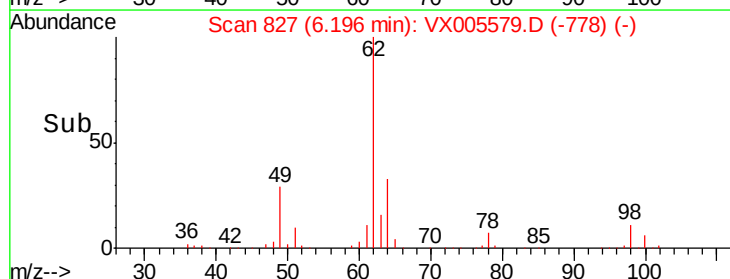
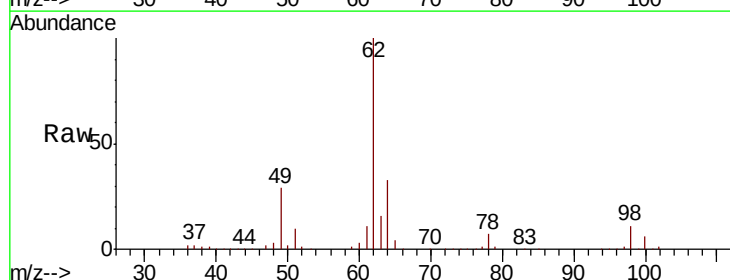
Manual Integrations  
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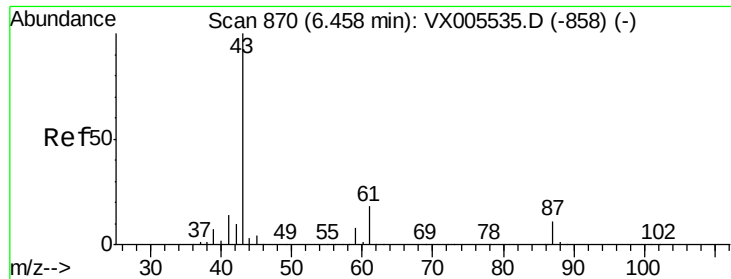
MMDadoda  
10/26/2018 1:41:28 PM



#42  
1,2-Dichloroethane  
Concen: 48.422 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.9 | 0.0   | 17.8  |       |





#43

Isopropyl Acetate

Concen: 49.905 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

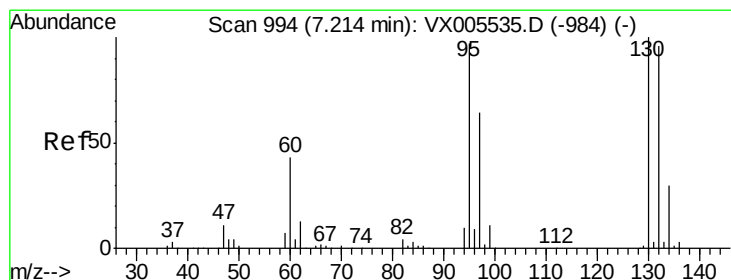
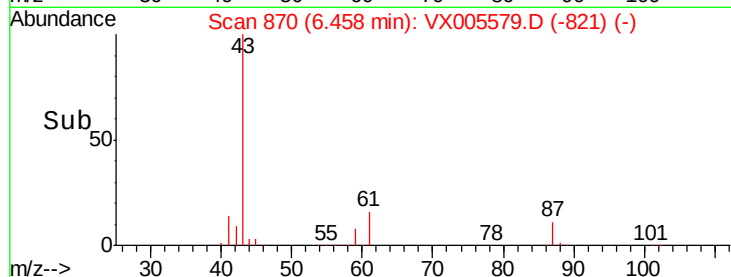
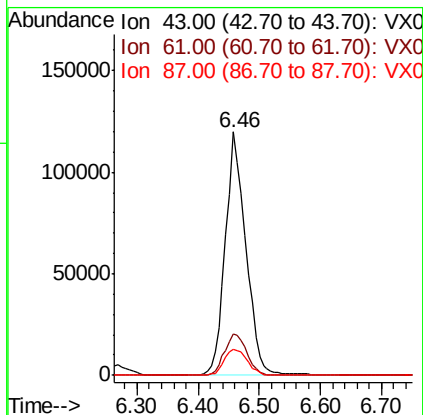
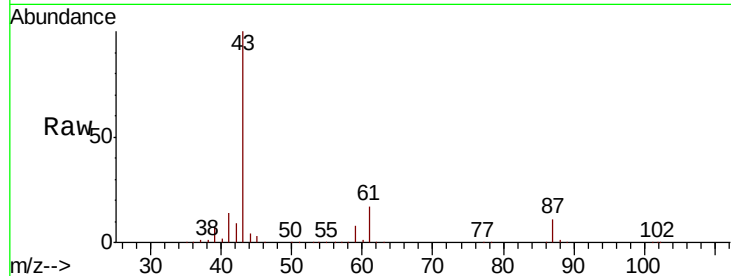
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 277357 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.6  | 14.6  | 22.0   |
| 87       | 12.1  | 9.6   | 14.4   |

Manual Integrations  
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10/26/2018 1:41:28 PM



#44

Trichloroethene

Concen: 48.773 ug/l

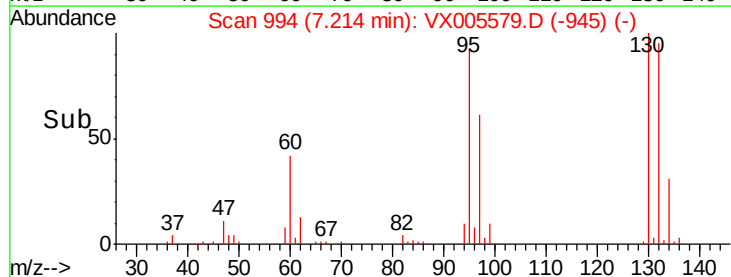
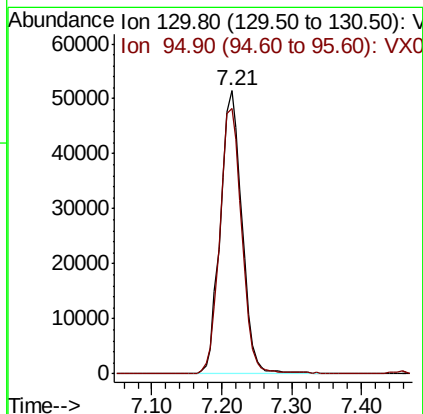
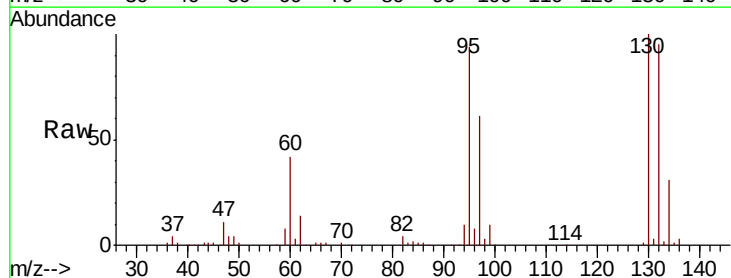
RT: 7.21 min Scan# 994

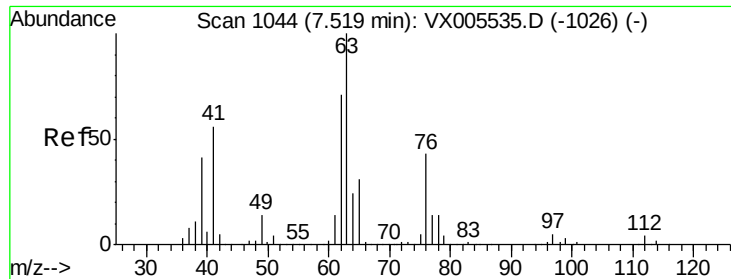
Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 110701 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 93.6  | 0.0   | 194.2  |





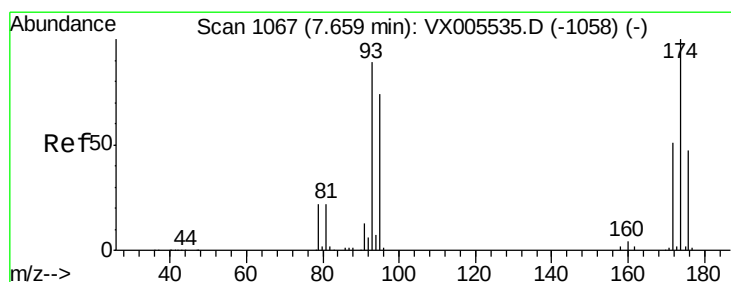
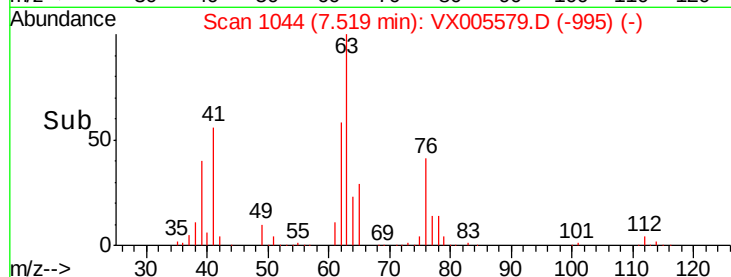
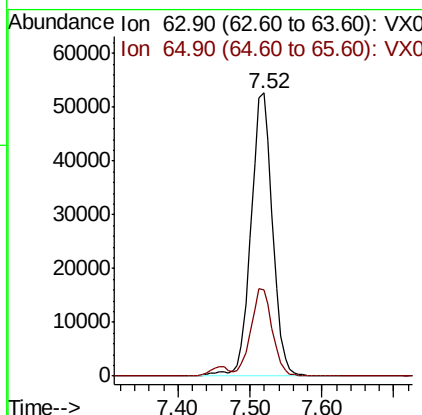
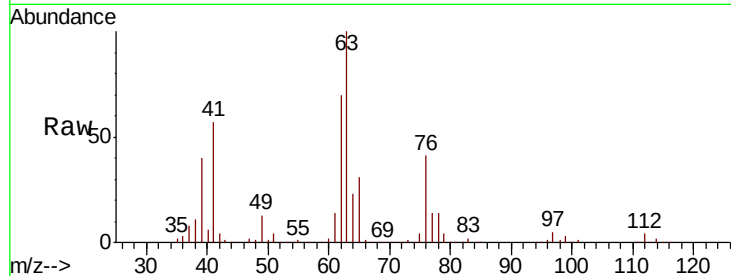
#45  
 1,2-Dichloropropane  
 Concen: 49.069 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 109912  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 24.8 37.2

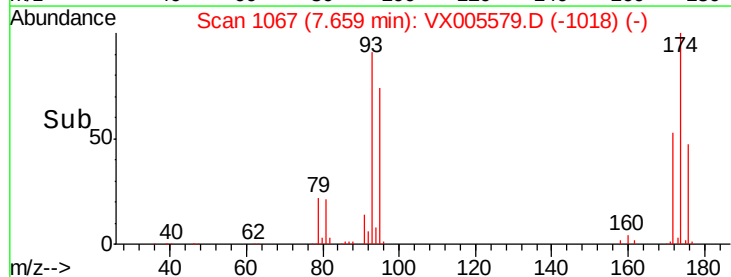
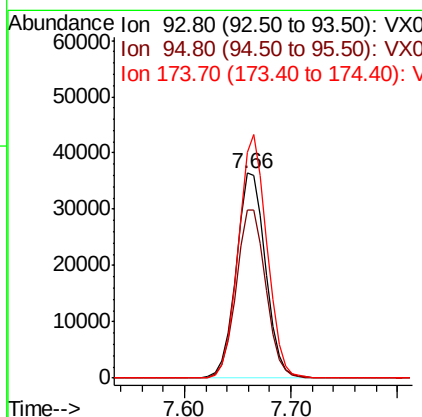
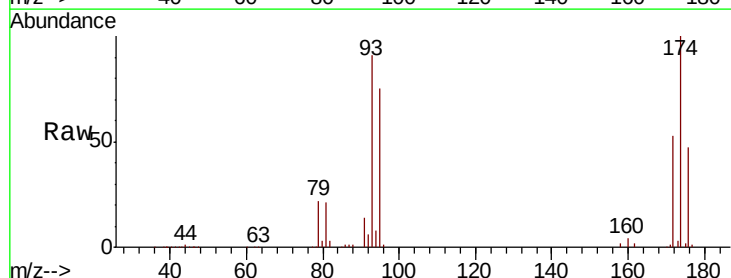
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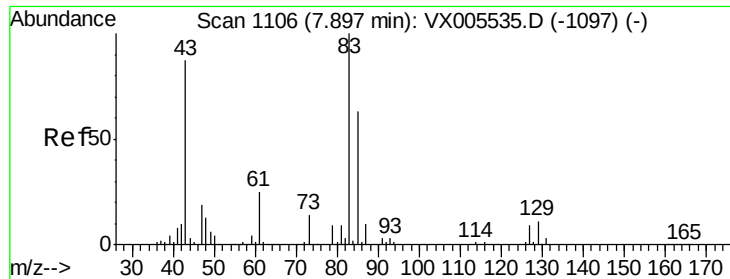
MMDadoda  
 10/26/2018 1:41:28 PM



#46  
 Dibromomethane  
 Concen: 48.766 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Tgt Ion: 93 Resp: 70550  
 Ion Ratio Lower Upper  
 93 100  
 95 83.2 67.4 101.0  
 174 115.6 91.5 137.3





#47

Bromodichloromethane

Concen: 50.547 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

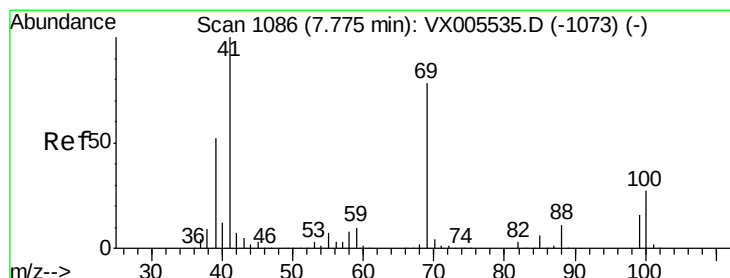
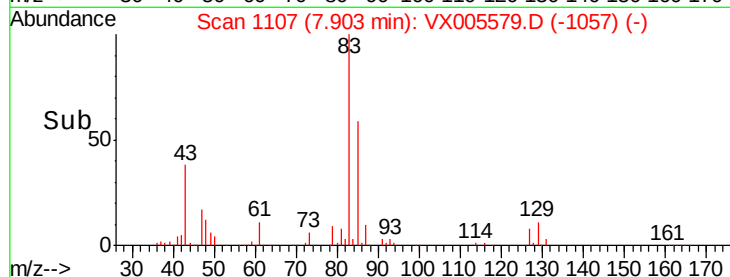
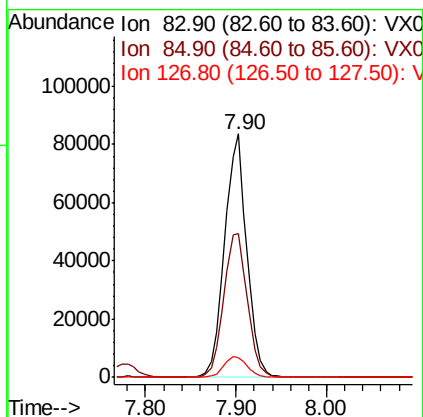
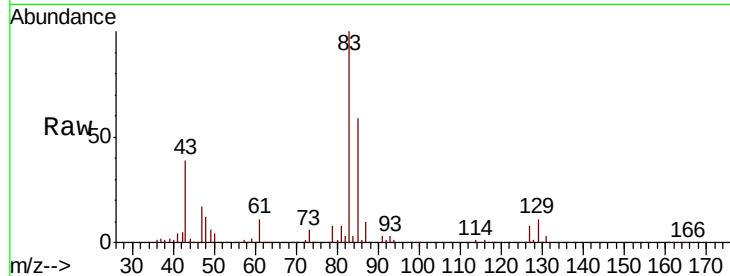
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 141929 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 59.1  | 50.2  | 75.4   |
| 127      | 8.0   | 6.9   | 10.3   |

Manual Integrations  
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10/26/2018 1:41:28 PM



#48

Methyl methacrylate

Concen: 52.193 ug/l

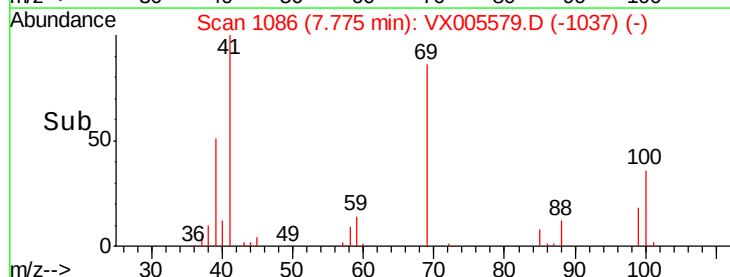
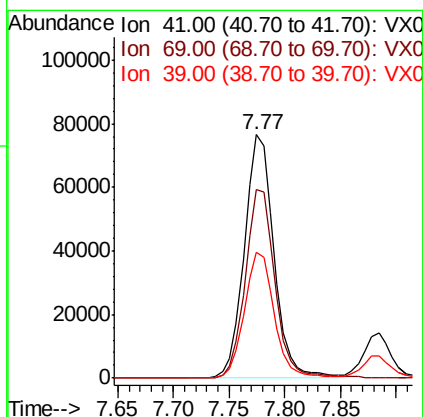
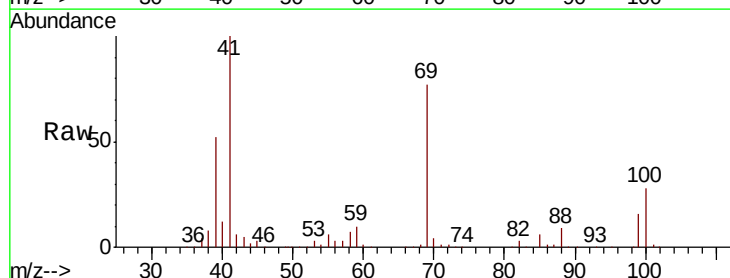
RT: 7.77 min Scan# 1086

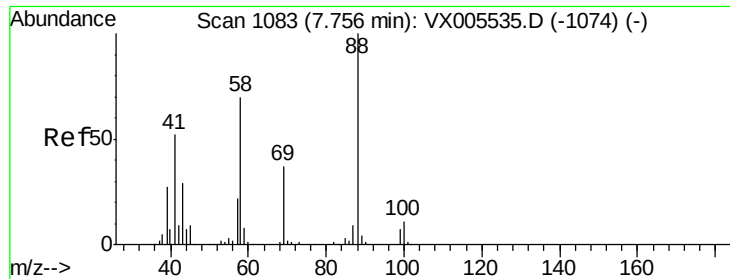
Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 141313 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 78.7  | 63.2  | 94.8   |
| 39       | 52.0  | 42.2  | 63.2   |





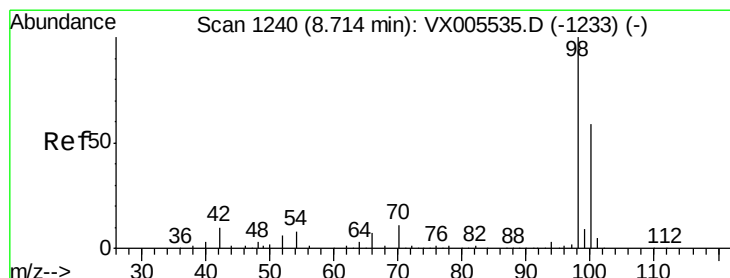
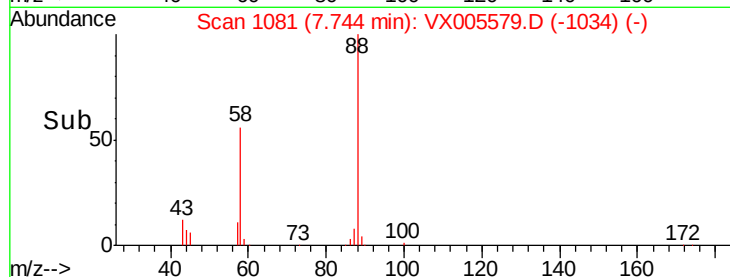
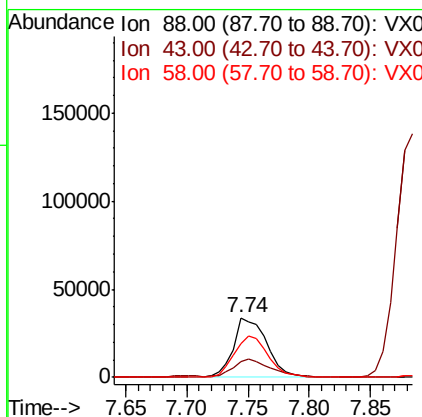
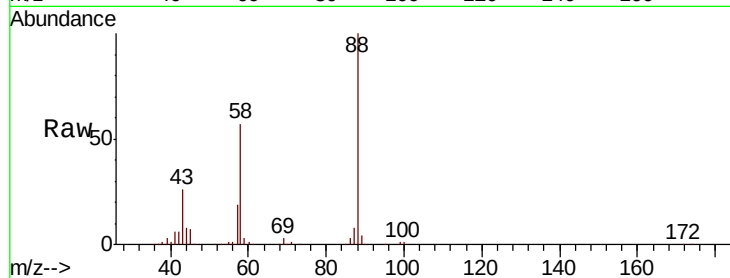
#49  
1,4-Dioxane  
Concen: 1074.117 ug/l  
RT: 7.74 min Scan# 1081  
Delta R.T. -0.01 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.2  | 27.4  | 41.0  |
| 58      | 71.3  | 59.4  | 89.2  |

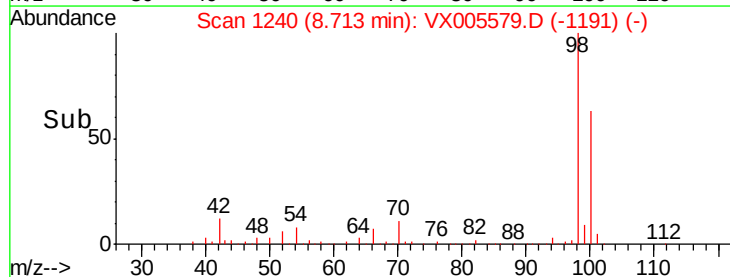
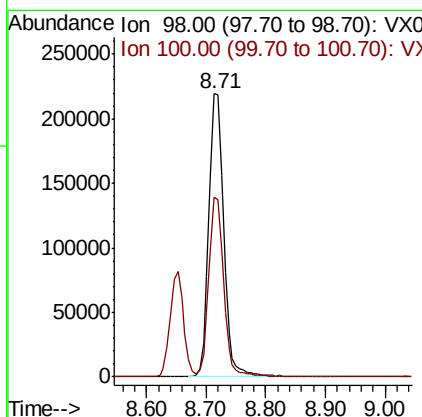
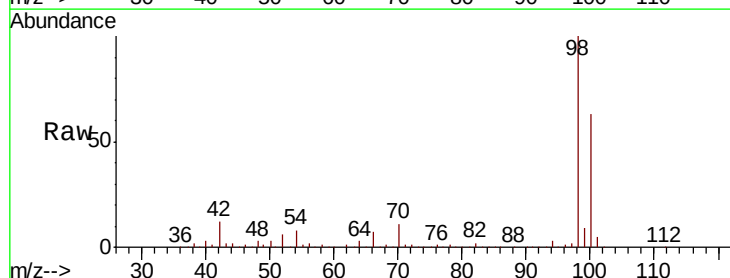
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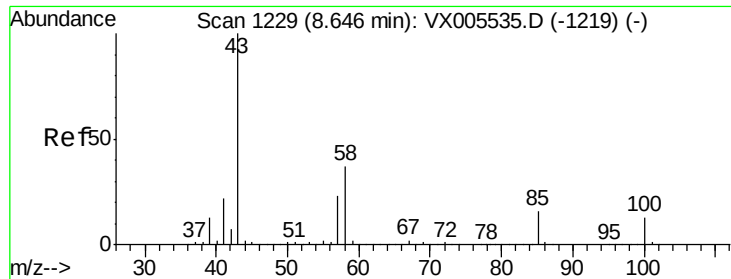
MMDadoda  
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#50  
Toluene-d8  
Concen: 51.562 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.5  | 51.3  | 76.9  |





#51

4-Methyl-2-Pentanone

Concen: 256.445 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 957865

Ion Ratio Lower Upper

43 100

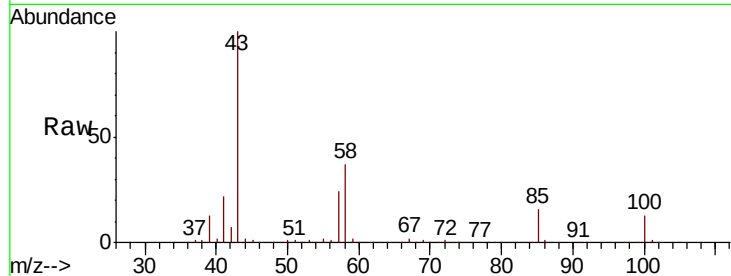
58 37.3 29.7 44.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

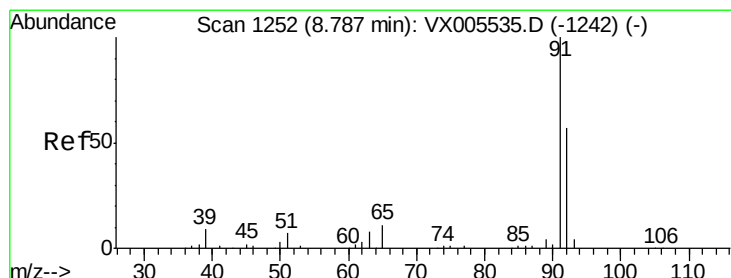
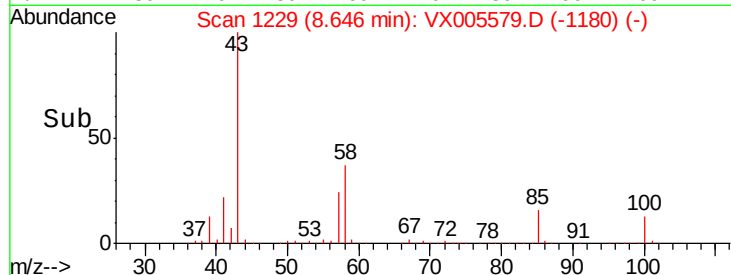
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 50.174 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005579.D

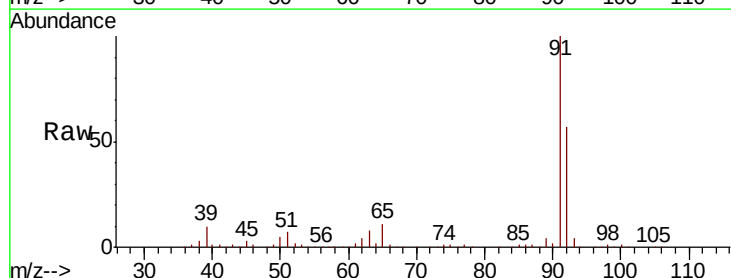
Acq: 25 Oct 2018 08:57

Tgt Ion: 92 Resp: 254056

Ion Ratio Lower Upper

92 100

91 176.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

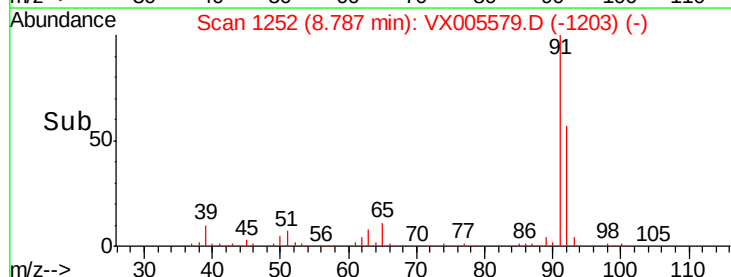
100000

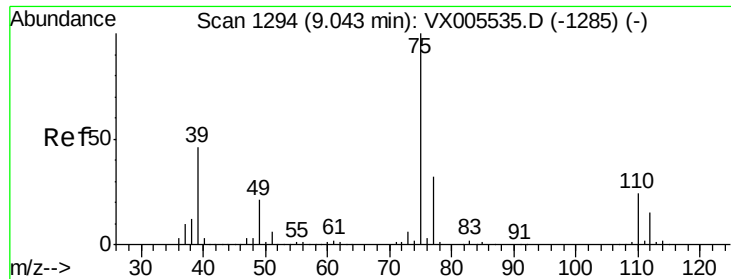
50000

0

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.363 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 146766

Ion Ratio Lower Upper

75 100

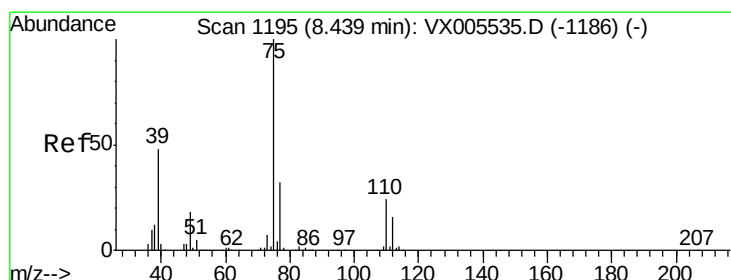
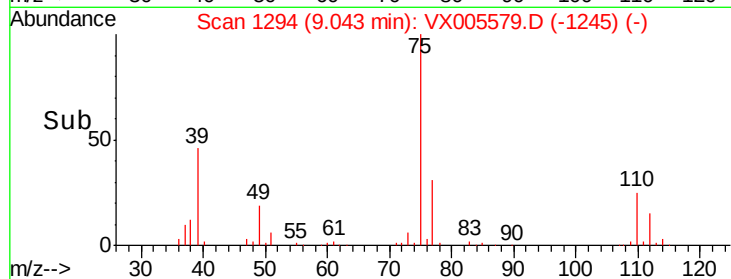
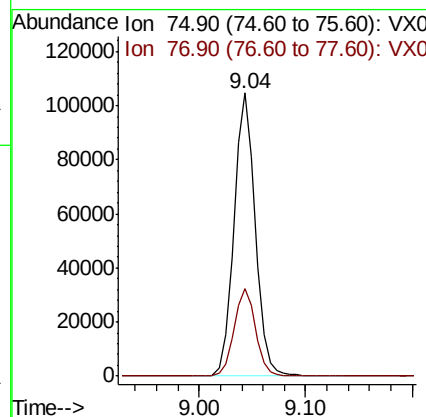
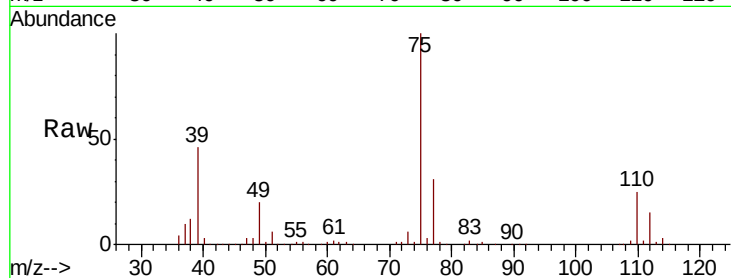
77 31.1 25.4 38.2

Manual Integrations

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10/26/2018 1:41:28 PM



#54

cis-1,3-Dichloropropene

Concen: 48.045 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

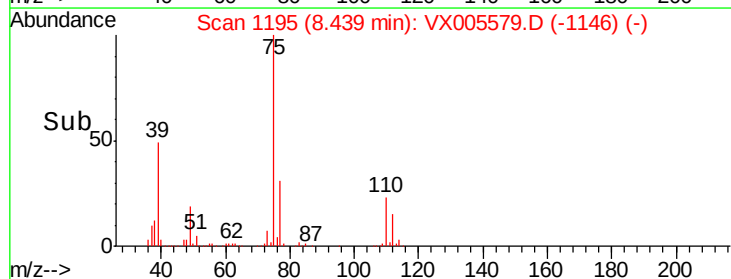
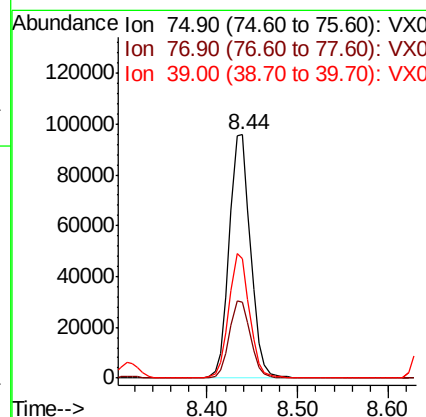
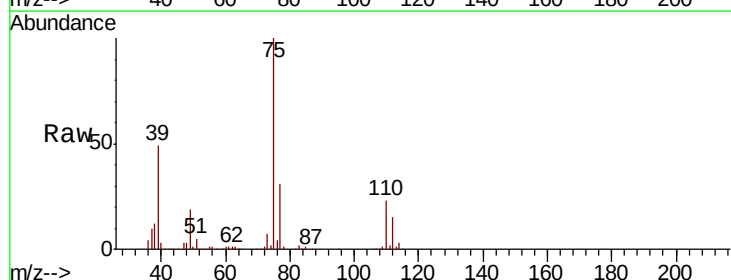
Tgt Ion: 75 Resp: 156973

Ion Ratio Lower Upper

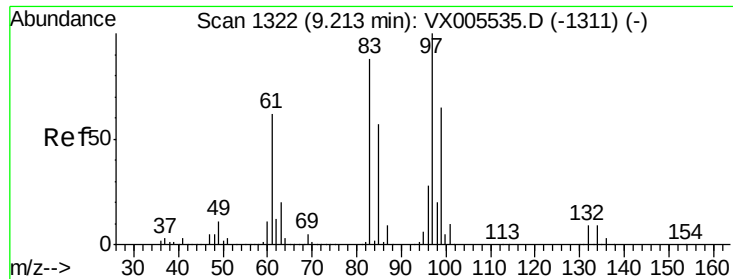
75 100

77 31.3 25.2 37.8

39 48.9 38.2 57.2







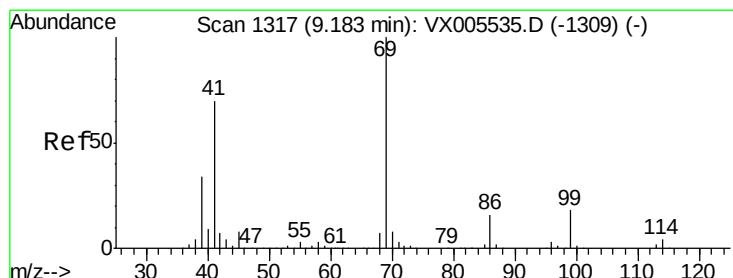
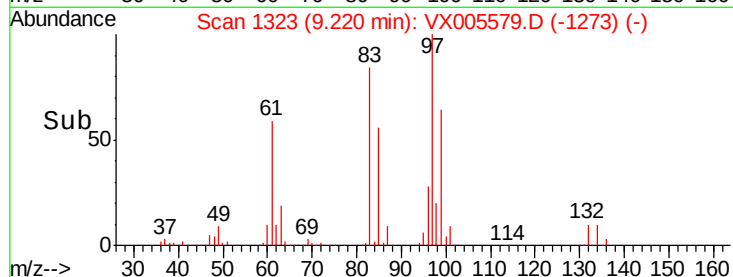
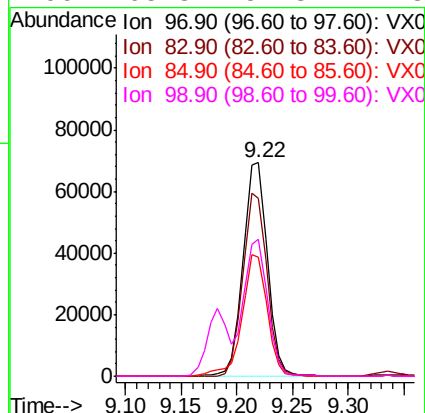
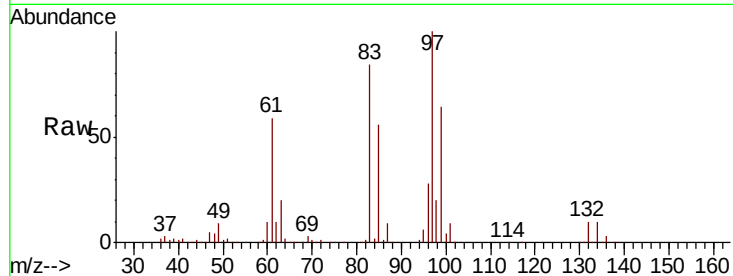
#55  
1,1,2-Trichloroethane  
Concen: 49.402 ug/l  
RT: 9.22 min Scan# 1323  
Delta R.T. 0.01 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 105465 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.5  | 70.7  | 106.1  |
| 85       | 55.7  | 45.8  | 68.6   |
| 99       | 63.8  | 51.8  | 77.8   |

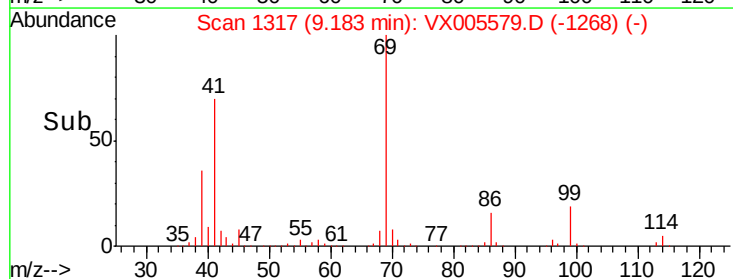
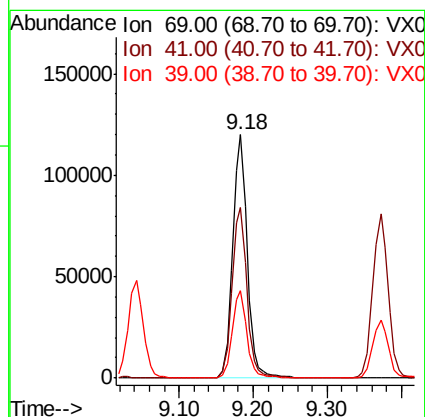
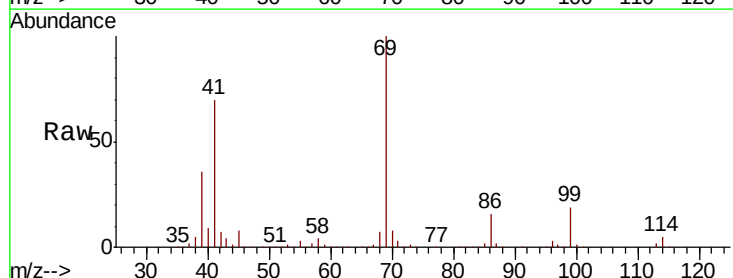
Manual Integrations  
APPROVED

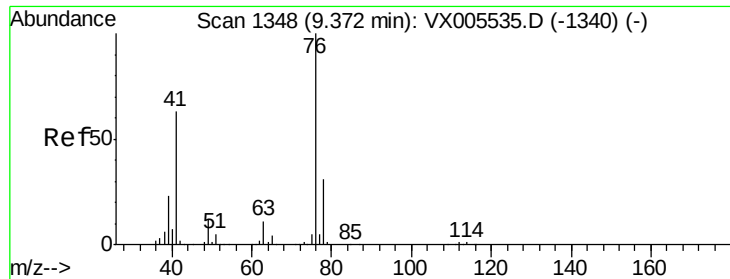
MMDadoda  
10/26/2018 1:41:28 PM



#56  
Ethyl methacrylate  
Concen: 51.855 ug/l  
RT: 9.18 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 165119 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.1  | 57.0  | 85.6   |
| 39       | 35.9  | 28.3  | 42.5   |





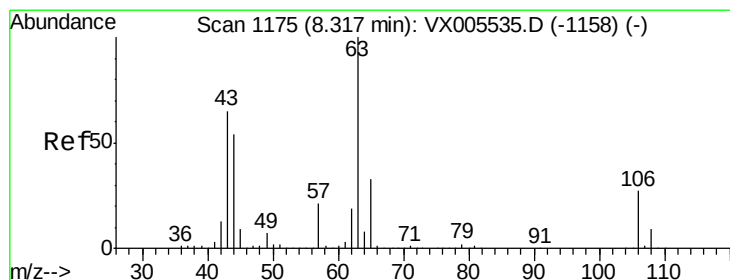
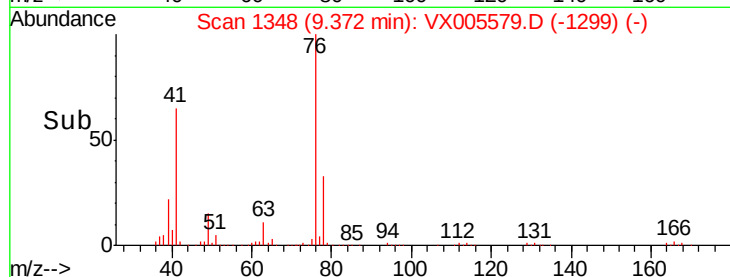
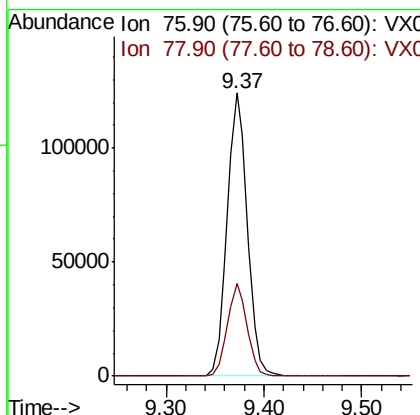
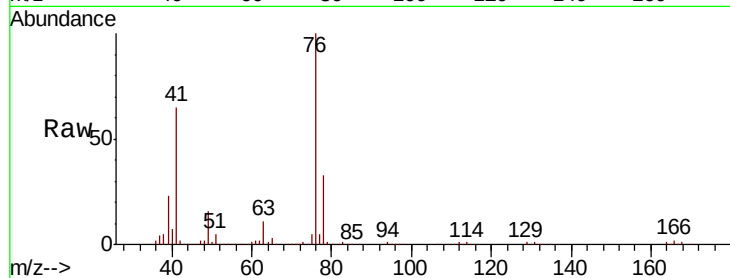
#57  
 1,3-Dichloropropane  
 Concen: 49.353 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.2  | 25.3  | 37.9  |

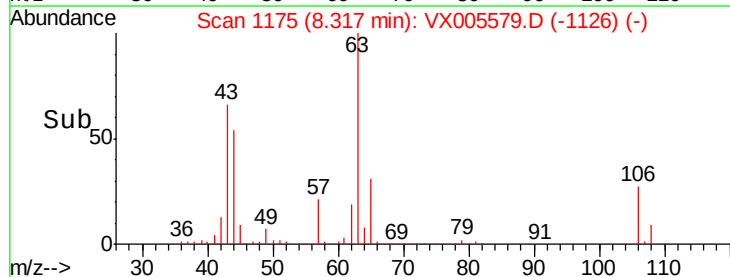
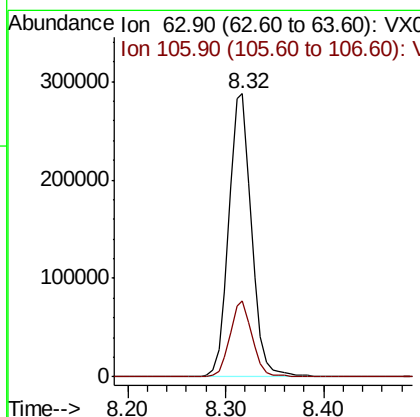
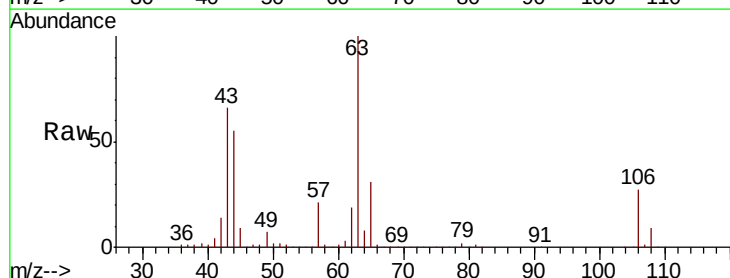
Manual Integrations  
 APPROVED

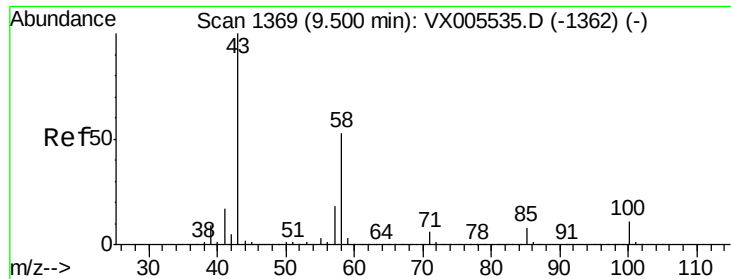
MMDadoda  
 10/26/2018 1:41:28 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 259.926 ug/l  
 RT: 8.32 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.5  | 21.3  | 31.9  |





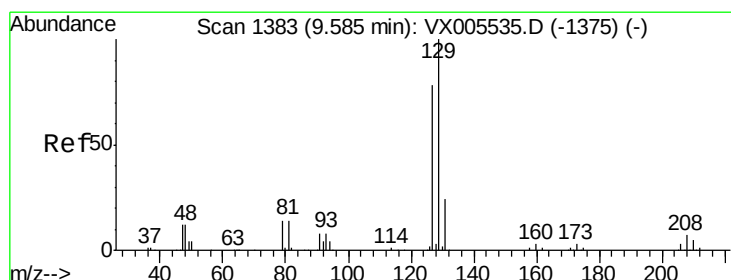
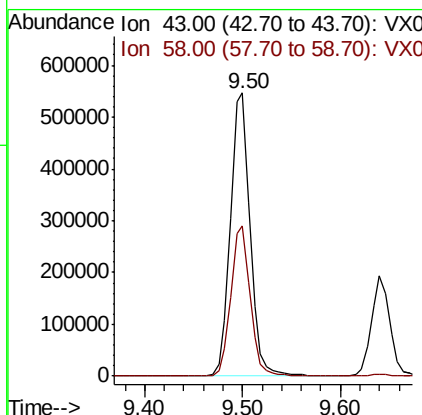
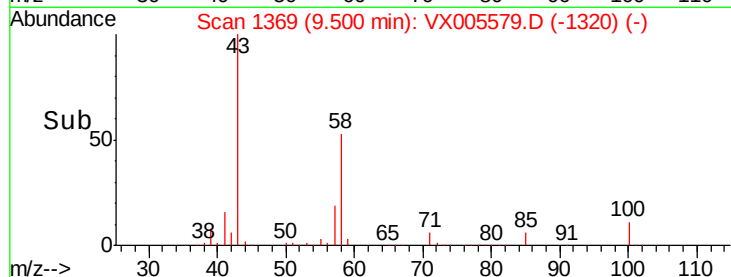
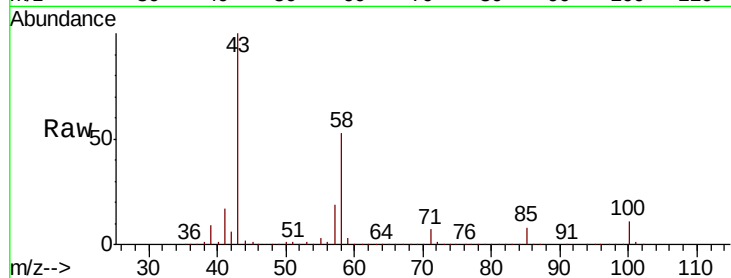
#59  
2-Hexanone  
Concen: 259.211 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 52.4  | 25.9  | 77.8  |

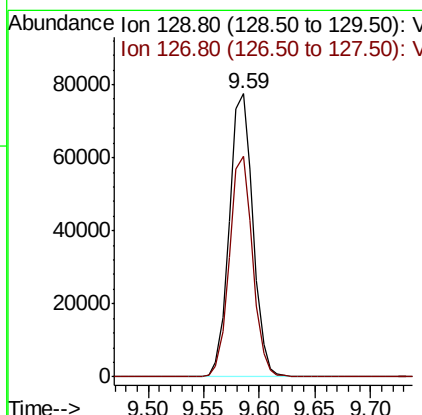
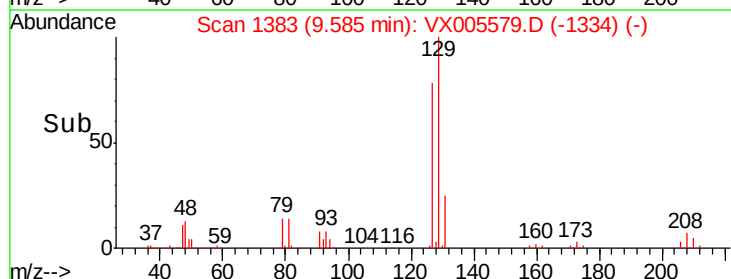
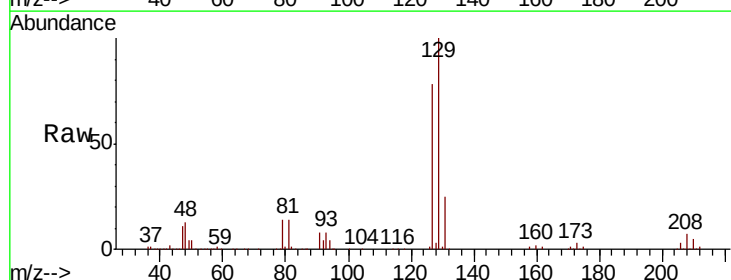
Manual Integrations  
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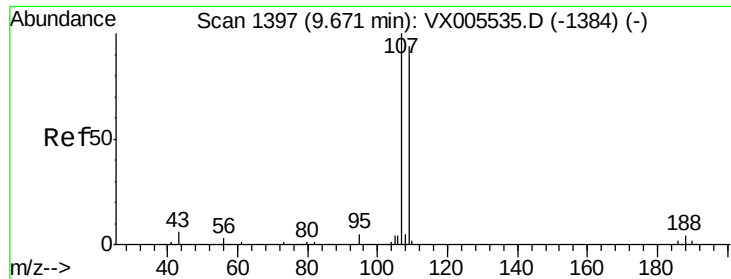
MMDadoda  
10/26/2018 1:41:28 PM



#60  
Dibromochloromethane  
Concen: 51.049 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.7  | 38.9  | 116.7 |





#61

1,2-Dibromoethane

Concen: 50.320 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 111134

Ion Ratio Lower Upper

107 100

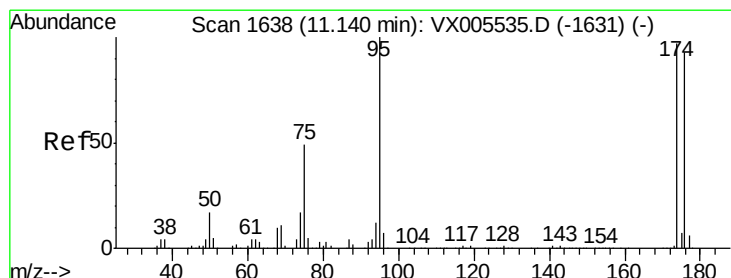
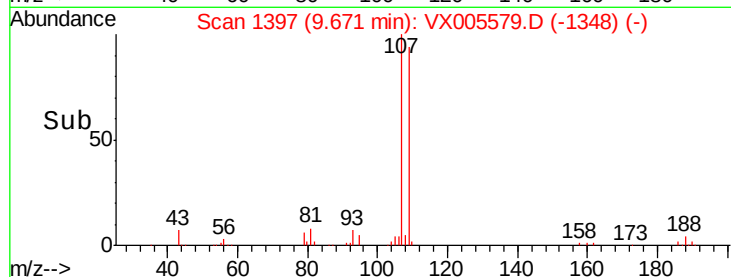
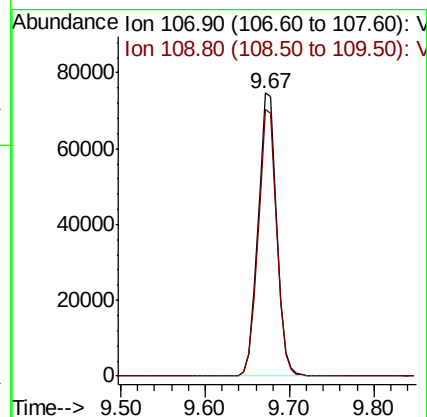
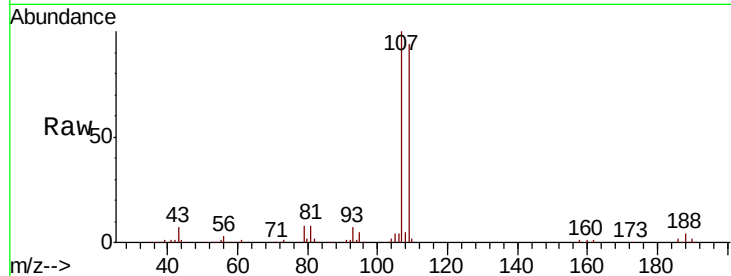
109 94.4 75.7 113.5

Manual Integrations

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10/26/2018 1:41:28 PM



#62

4-Bromofluorobenzene

Concen: 51.564 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

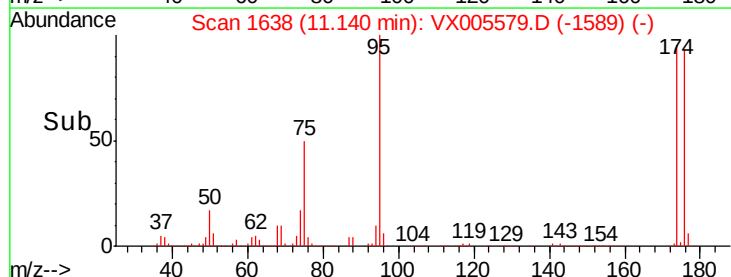
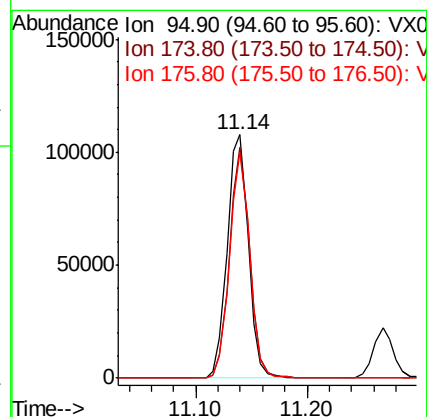
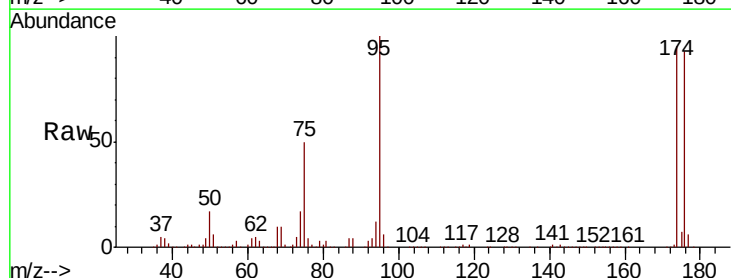
Tgt Ion: 95 Resp: 141894

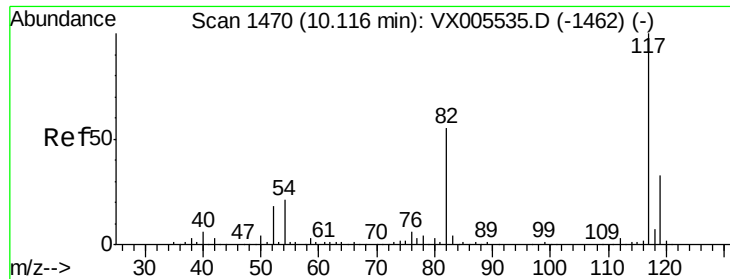
Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

176 88.2 0.0 177.4





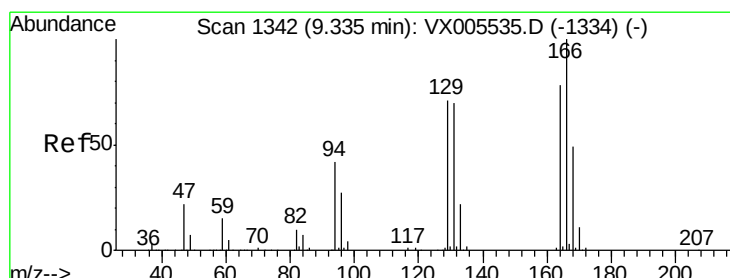
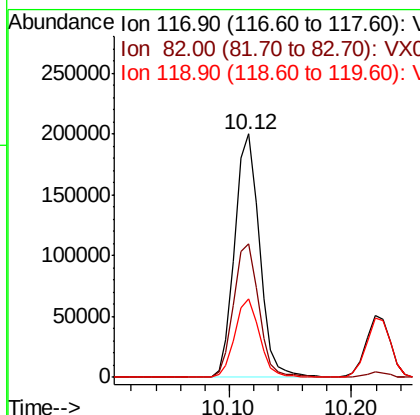
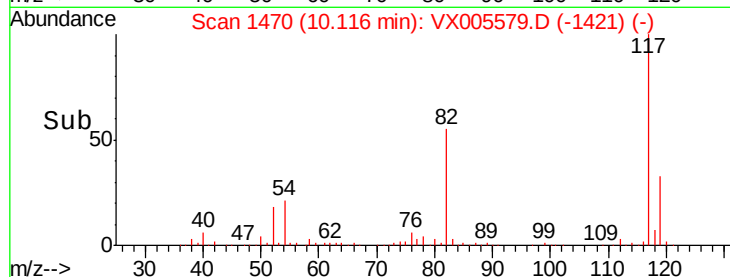
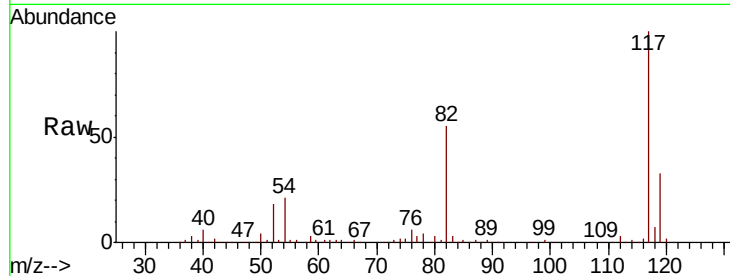
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.8  | 44.1  | 66.1  |
| 119     | 32.5  | 26.2  | 39.2  |

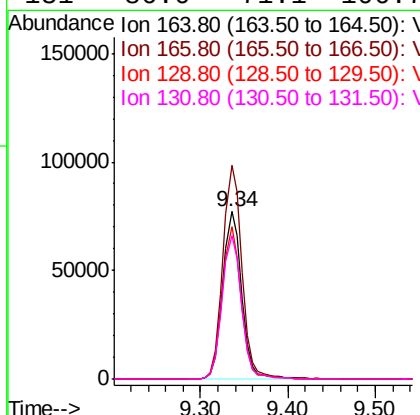
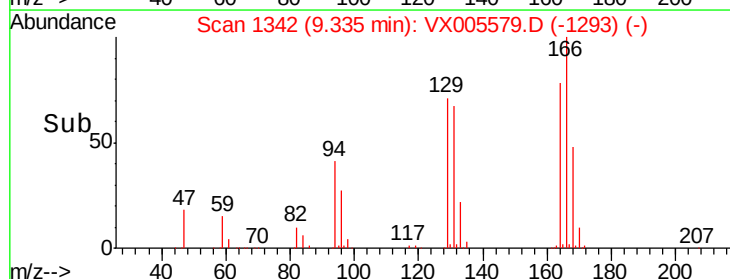
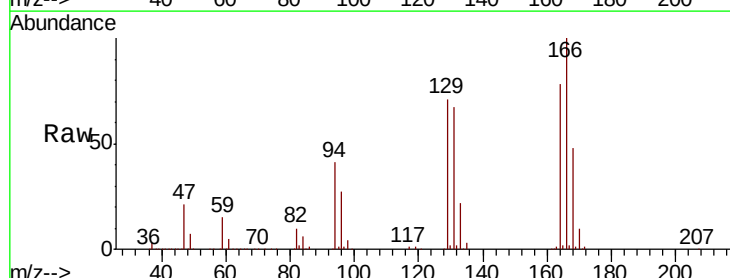
Manual Integrations  
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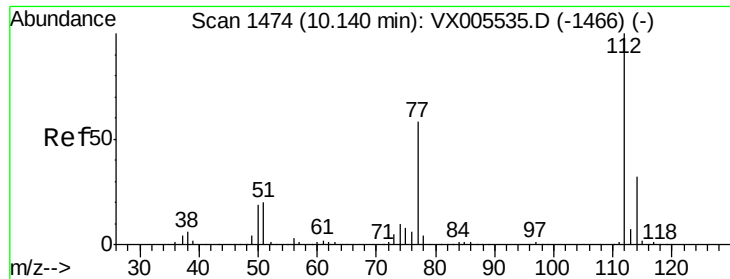
MMDadoda  
10/26/2018 1:41:28 PM



#64  
Tetrachloroethene  
Concen: 49.577 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.8 | 101.9 | 152.9 |
| 129     | 91.2  | 72.6  | 109.0 |
| 131     | 86.0  | 71.1  | 106.7 |





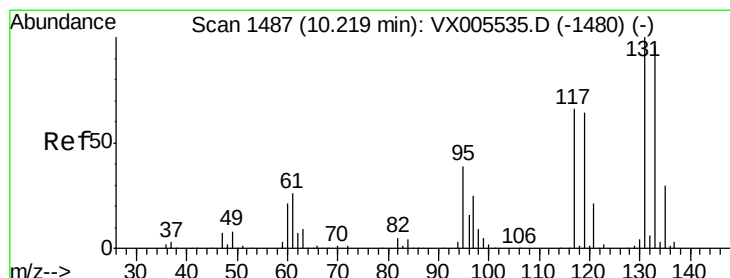
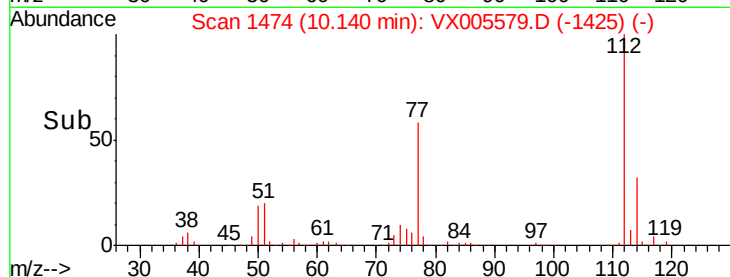
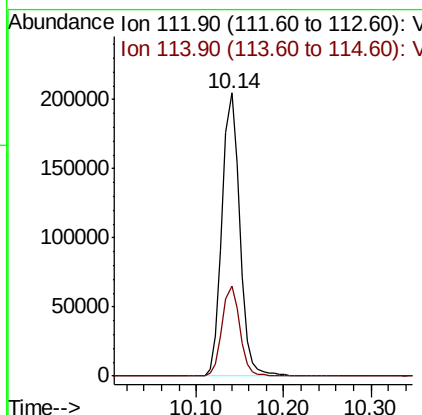
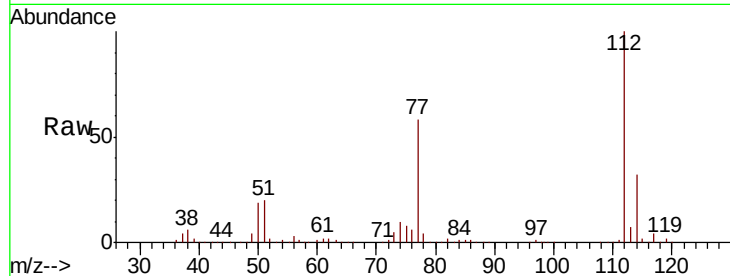
#65  
Chlorobenzene  
Concen: 48.056 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 288409  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.6

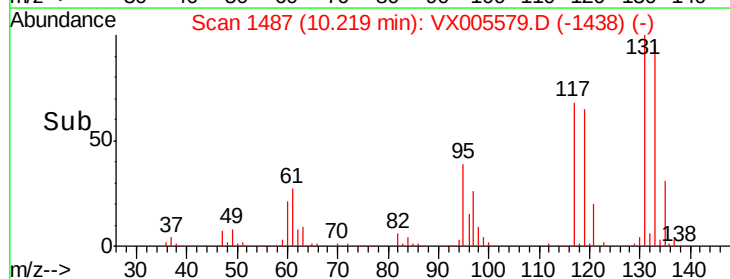
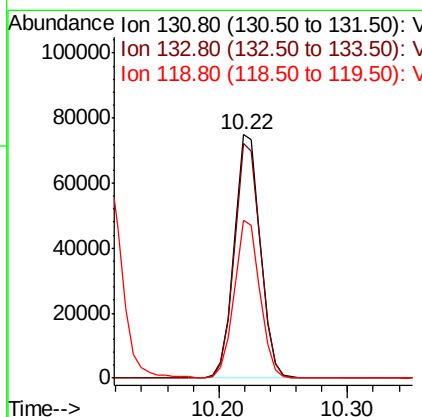
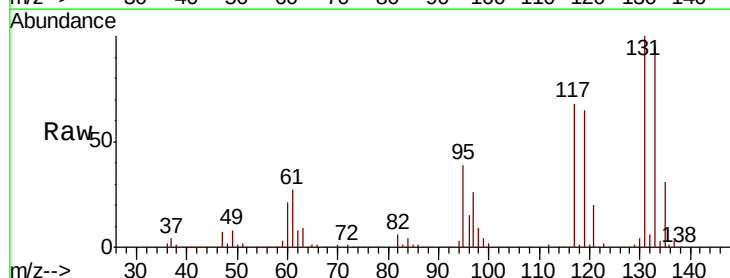
Manual Integrations  
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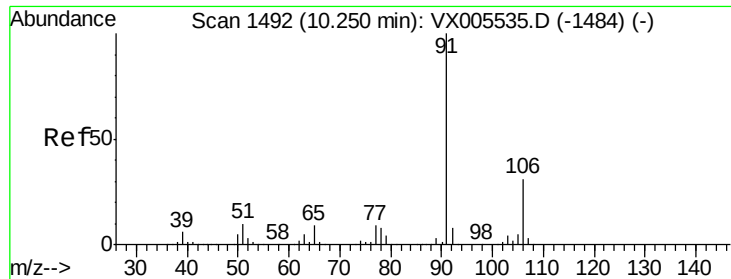
MMDadoda  
10/26/2018 1:41:28 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.287 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Tgt Ion:131 Resp: 105668  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.5 142.5  
119 63.9 31.8 95.3





#67

Ethyl Benzene

Concen: 50.165 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 495341

Ion Ratio Lower Upper

91 100

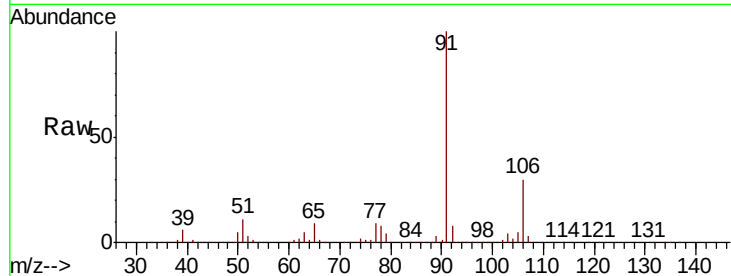
106 30.3 24.4 36.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX005535.D (-1484) (-)

600000

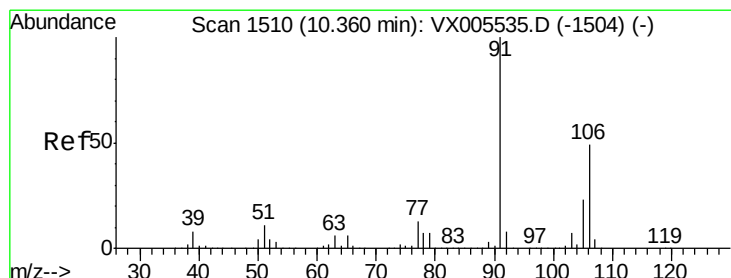
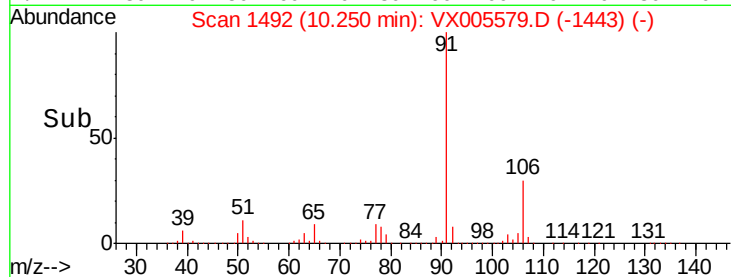
400000

200000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 100.504 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005579.D

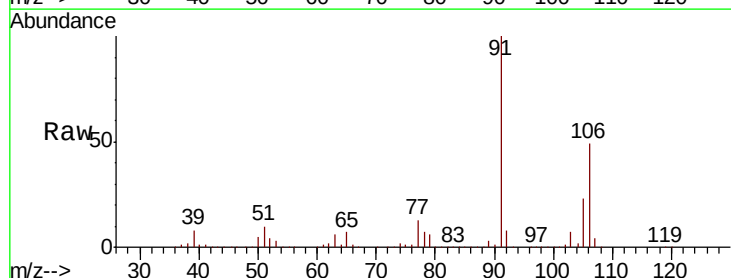
Acq: 25 Oct 2018 08:57

Tgt Ion: 106 Resp: 385023

Ion Ratio Lower Upper

106 100

91 205.4 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005535.D (-1504) (-)

600000

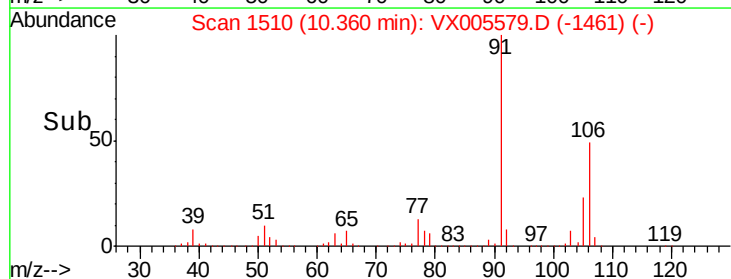
400000

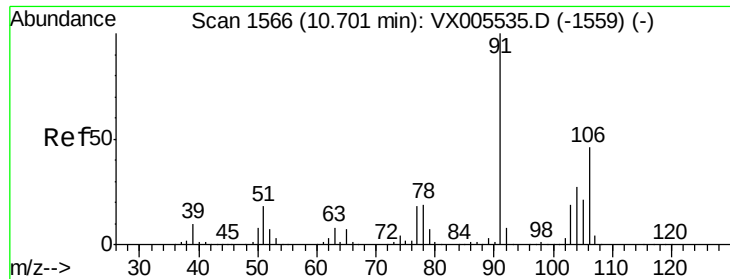
200000

0

10.30 10.36 10.40 10.50

Time-->





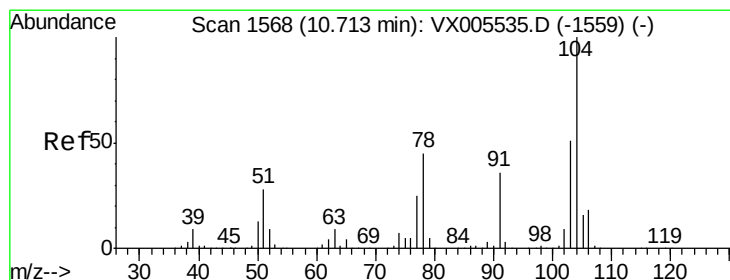
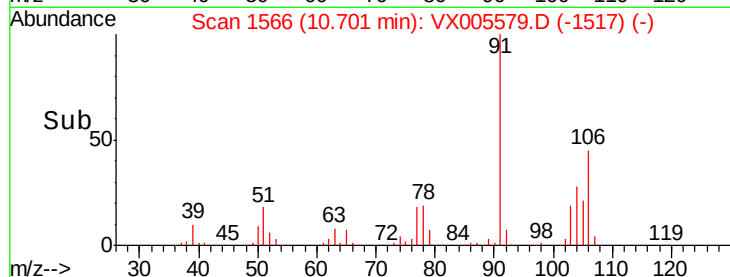
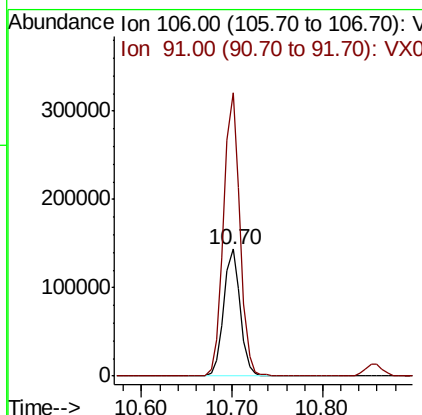
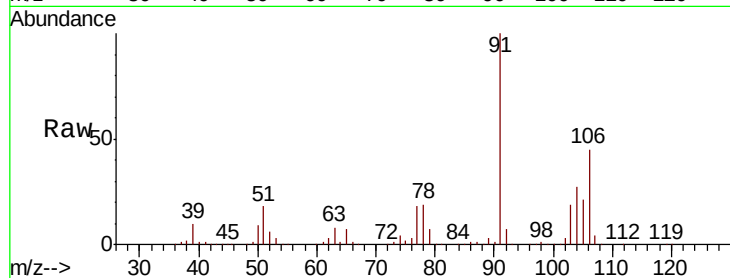
#69  
o-Xylene  
Concen: 50.805 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 183112  
Ion Ratio Lower Upper  
106 100  
91 220.5 108.5 325.5

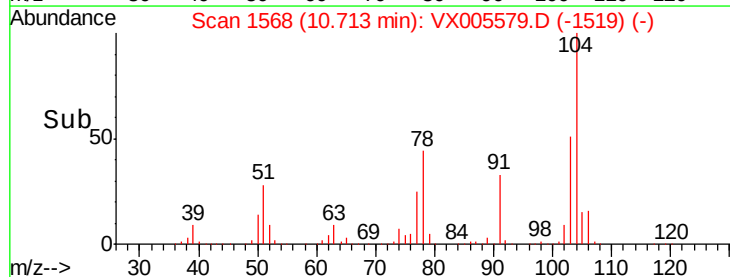
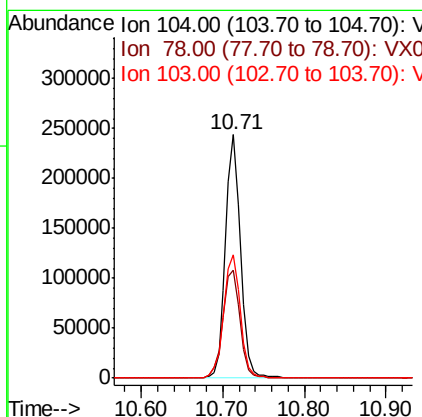
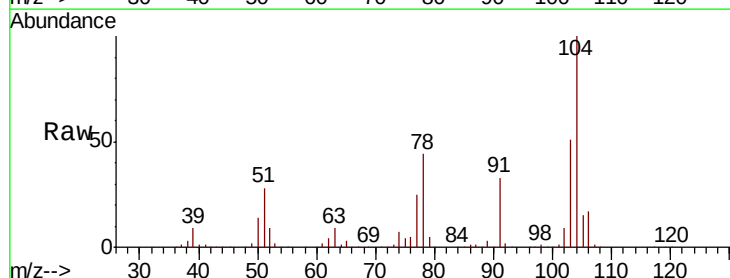
Manual Integrations  
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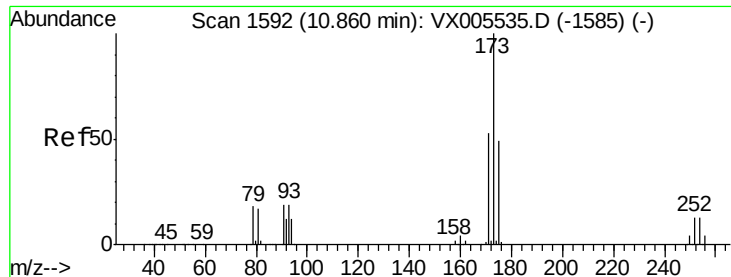


#70  
Styrene  
Concen: 51.646 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Tgt Ion:104 Resp: 311606  
Ion Ratio Lower Upper  
104 100  
78 50.7 40.2 60.4  
103 56.3 44.9 67.3







#71

Bromoform

Concen: 48.630 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 94962

Ion Ratio Lower Upper

173 100

175 48.7 24.8 74.3

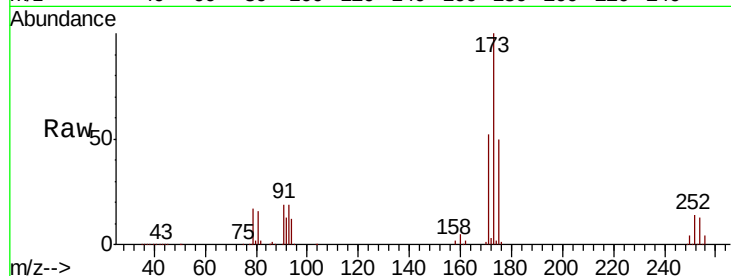
254 0.2 0.2 0.2

Manual Integrations

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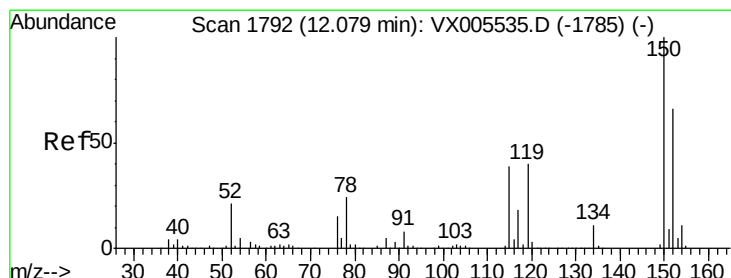
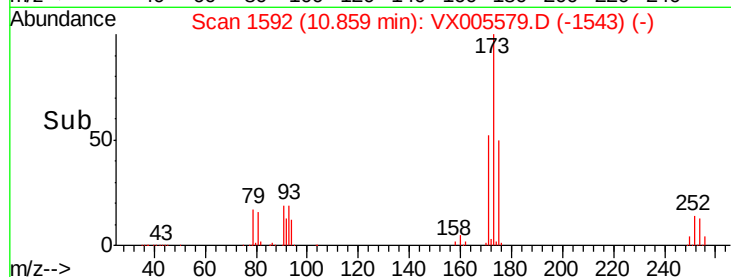
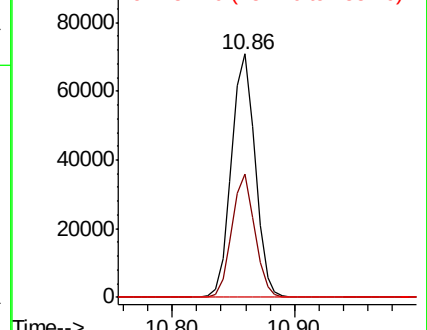
10/26/2018 1:41:28 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

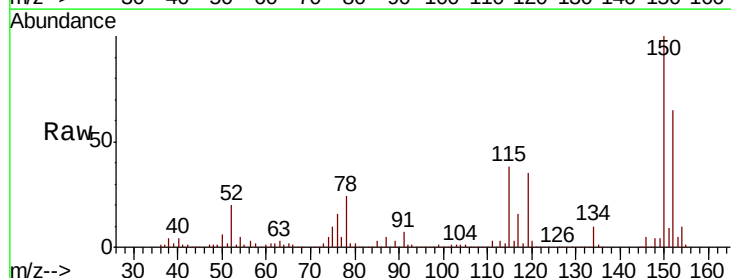
Tgt Ion:152 Resp: 161432

Ion Ratio Lower Upper

152 100

115 77.8 39.4 118.1

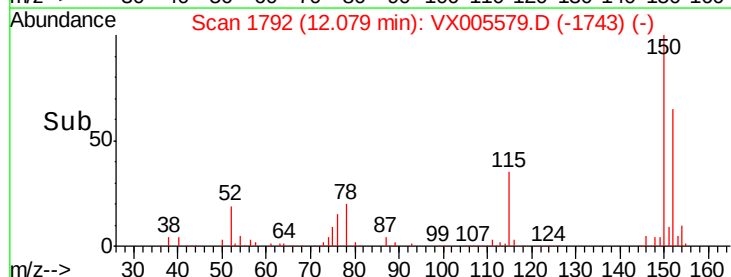
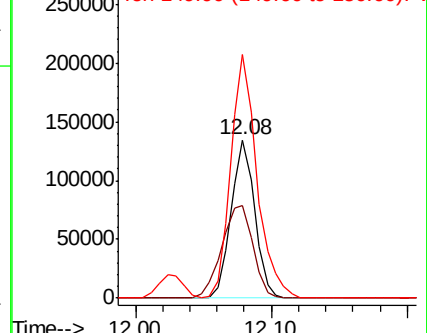
150 171.3 0.0 346.4

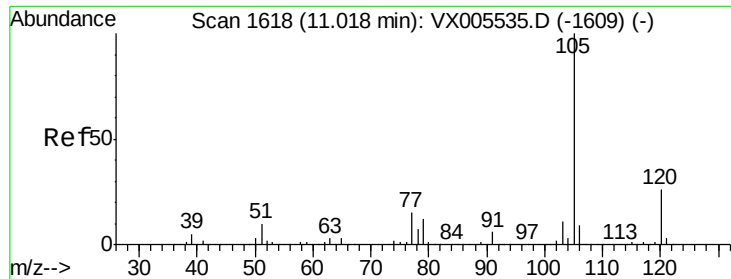


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.273 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 505961

Ion Ratio Lower Upper

105 100

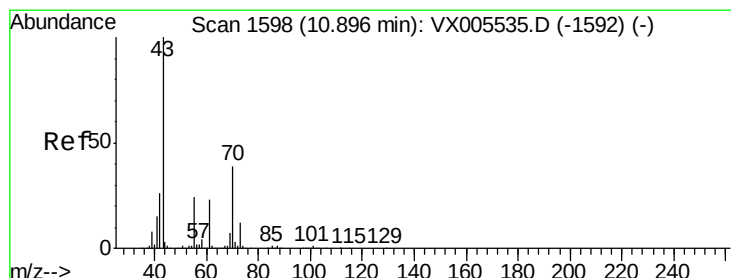
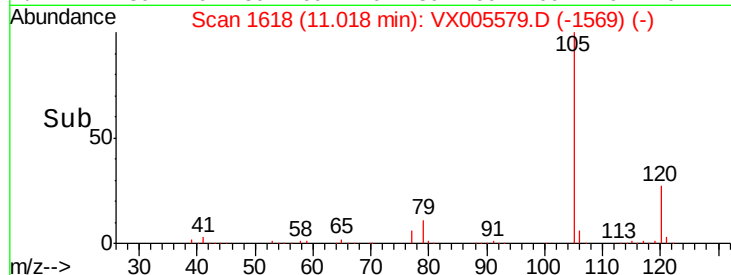
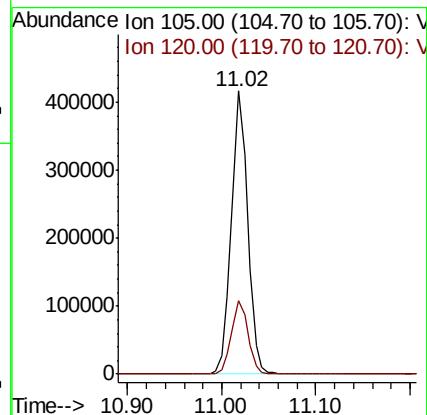
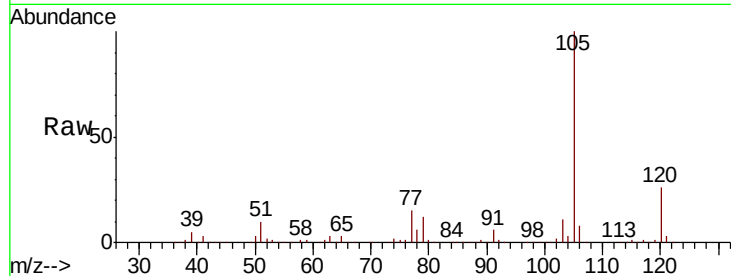
120 26.5 13.1 39.3

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#74

N-ethyl acetate

Concen: 51.551 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Tgt Ion: 43 Resp: 252067

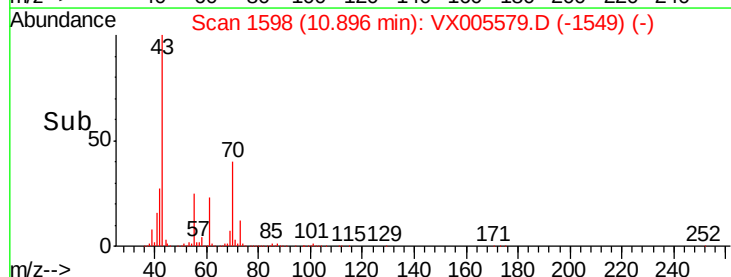
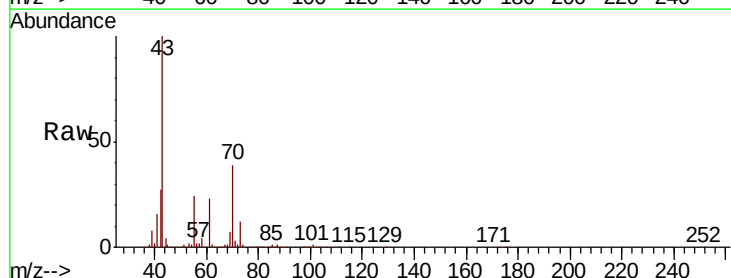
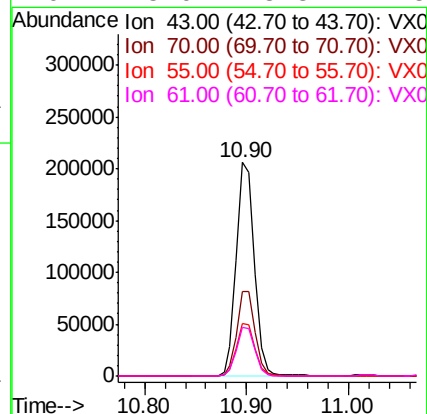
Ion Ratio Lower Upper

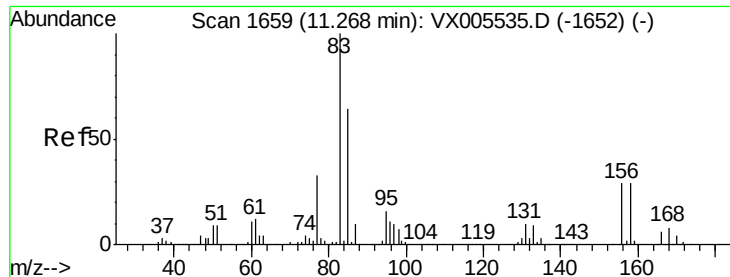
43 100

70 39.7 31.6 47.4

55 25.0 19.7 29.5

61 23.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.663 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

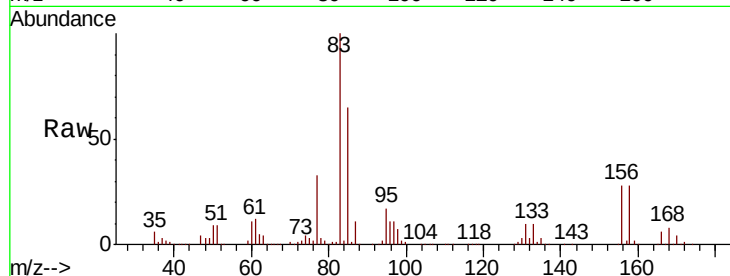
ClientSampleId :

VSTDCCC050EC

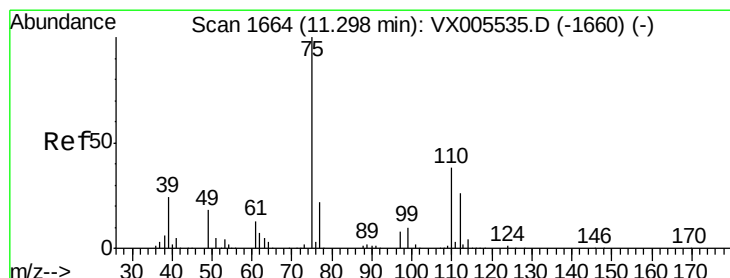
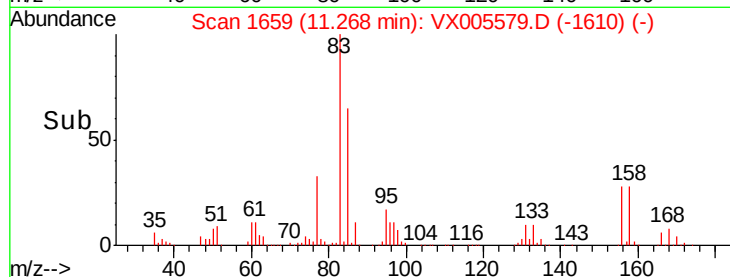
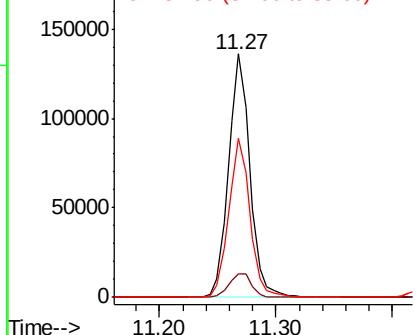
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 173522 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.6  | 5.3   | 15.9   |
| 85        | 65.1  | 32.0  | 96.2   |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.821 ug/l m

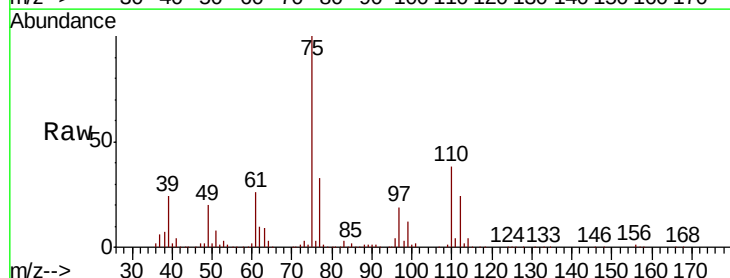
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

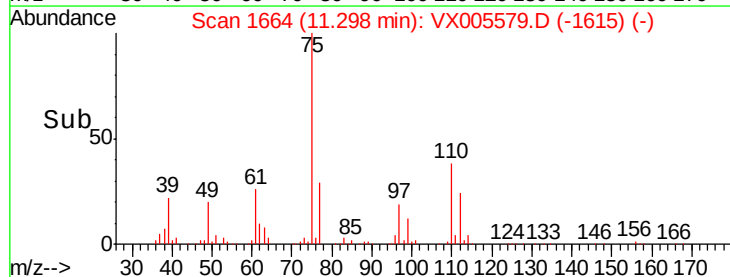
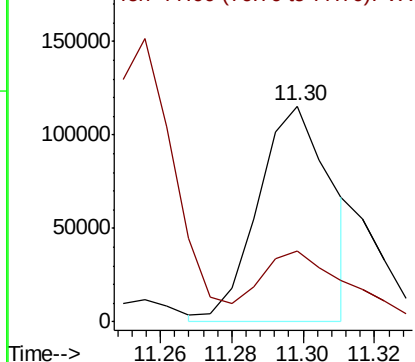
Lab File: VX005579.D

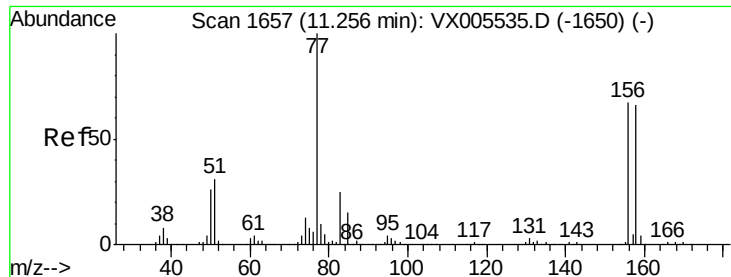
Acq: 25 Oct 2018 08:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 163565 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.2  | 20.5  | 61.6   |



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.494 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

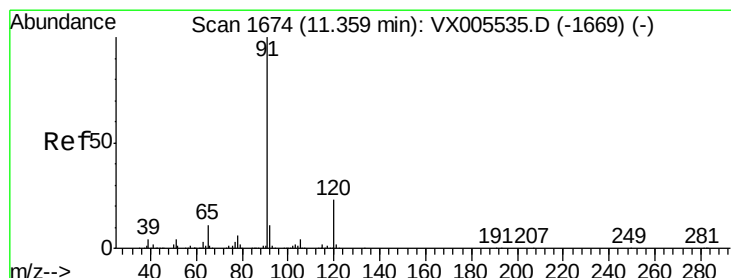
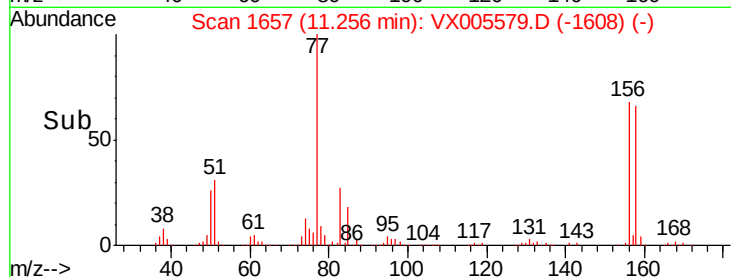
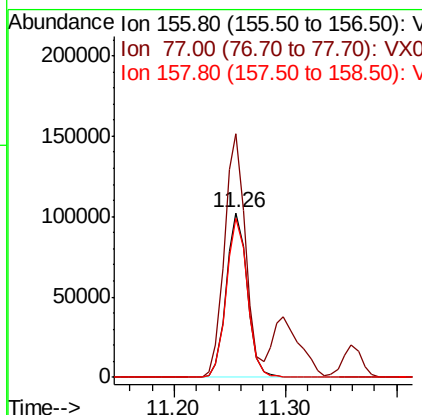
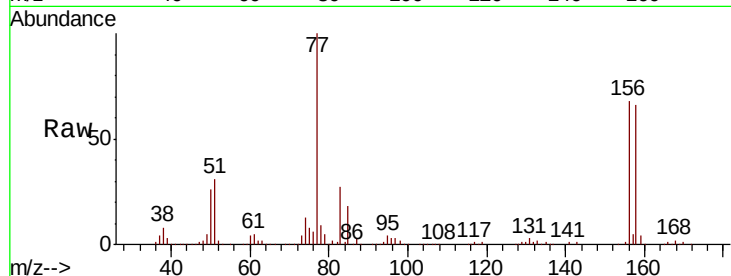
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 149.5 | 74.8  | 224.4 |
| 158     | 97.6  | 49.1  | 147.3 |

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#78

n-propylbenzene

Concen: 51.926 ug/l

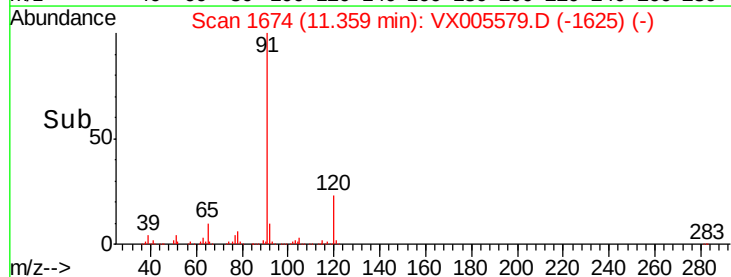
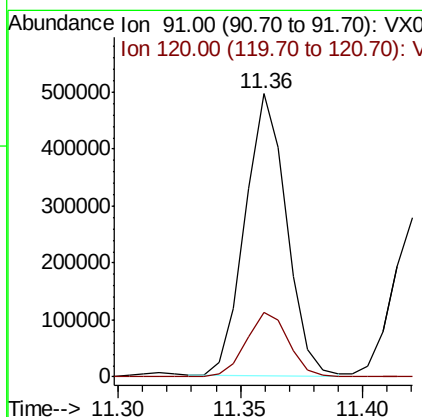
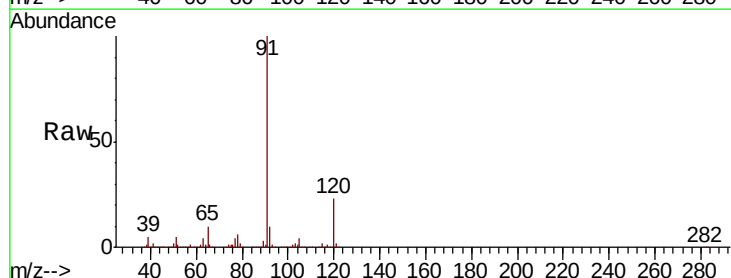
RT: 11.36 min Scan# 1674

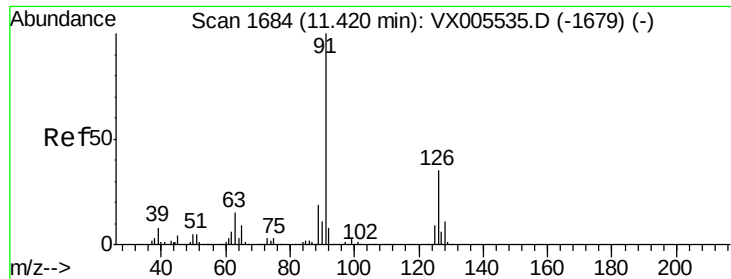
Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.6  | 11.9  | 35.5  |





#79

2-Chlorotoluene

Concen: 49.583 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 346897

Ion Ratio Lower Upper

91 100

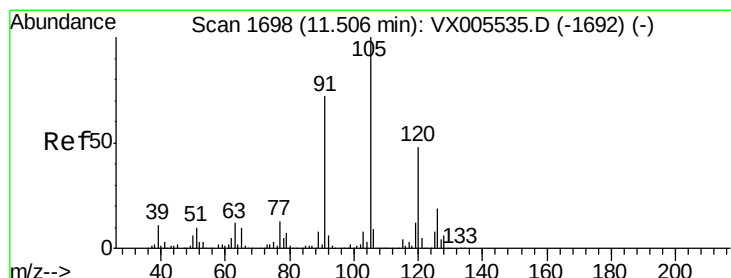
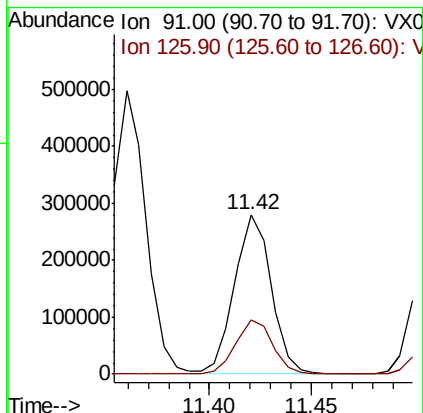
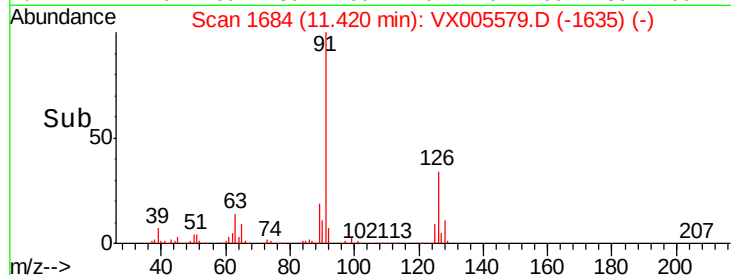
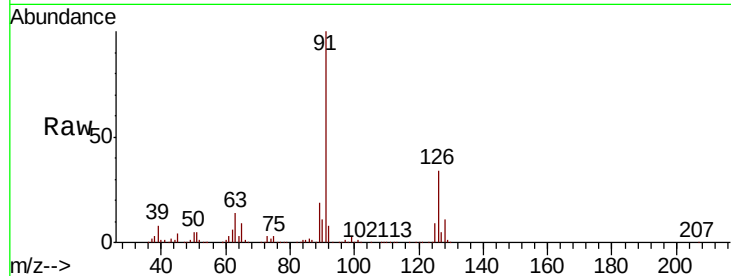
126 34.6 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 51.472 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005579.D

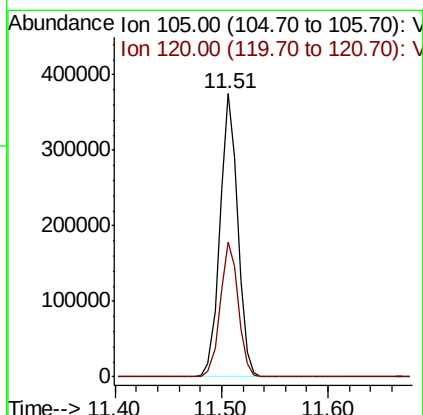
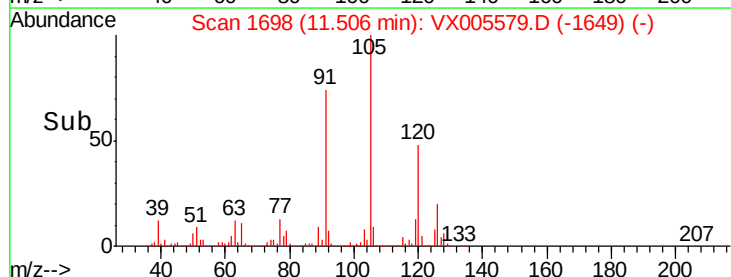
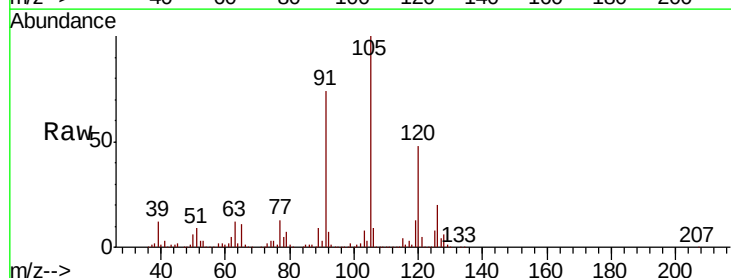
Acq: 25 Oct 2018 08:57

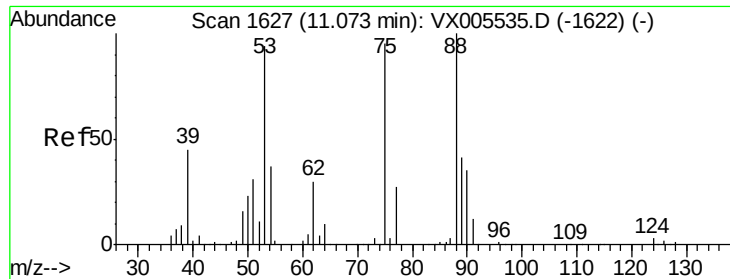
Tgt Ion: 105 Resp: 434510

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





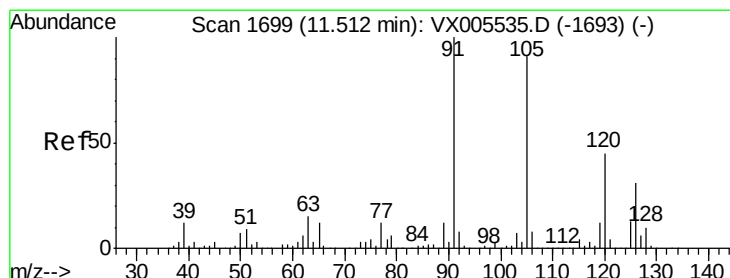
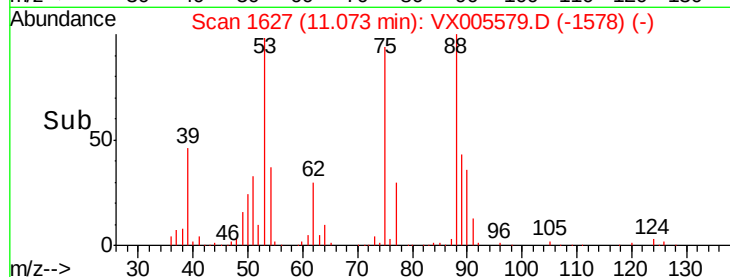
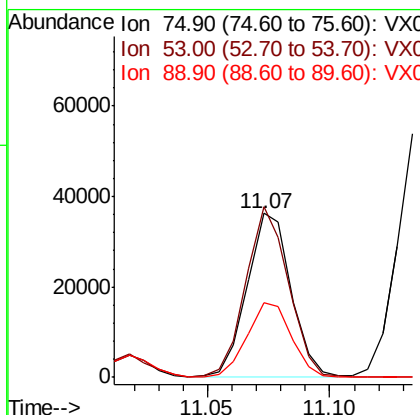
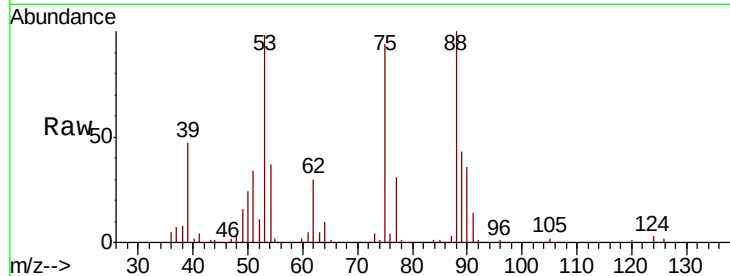
#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.923 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 101.8 | 80.2  | 120.2 |
| 89      | 46.6  | 39.8  | 59.8  |

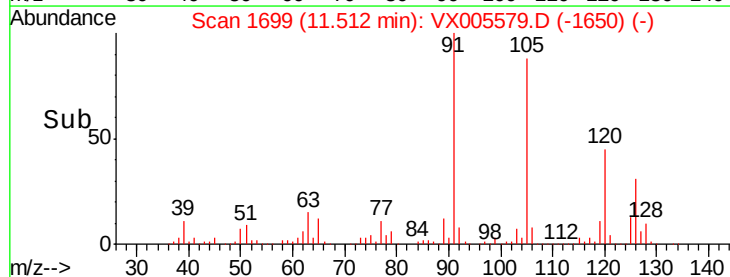
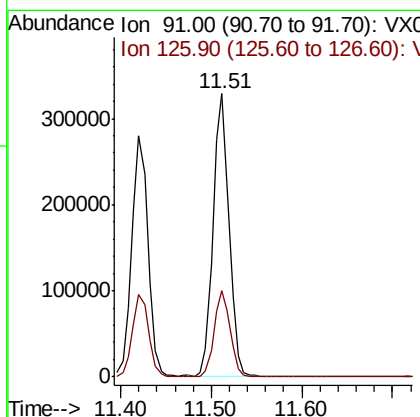
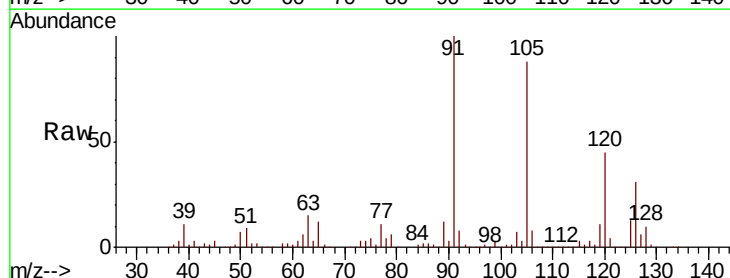
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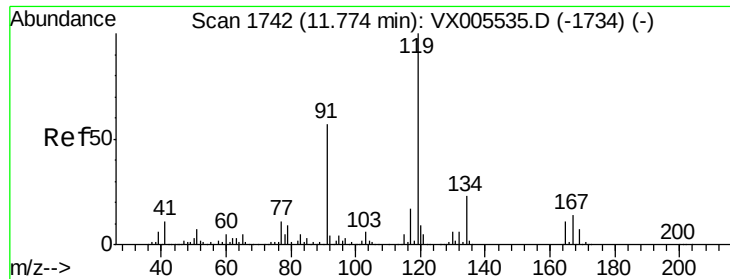
MMDadoda  
10/26/2018 1:41:28 PM



#82  
4-Chlorotoluene  
Concen: 50.038 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.3  | 15.2  | 45.6  |





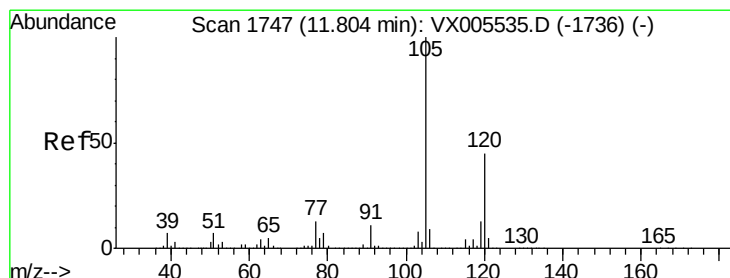
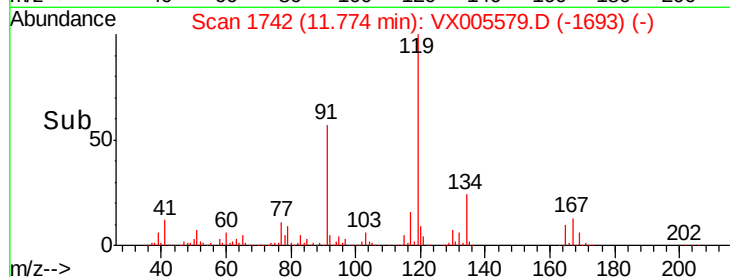
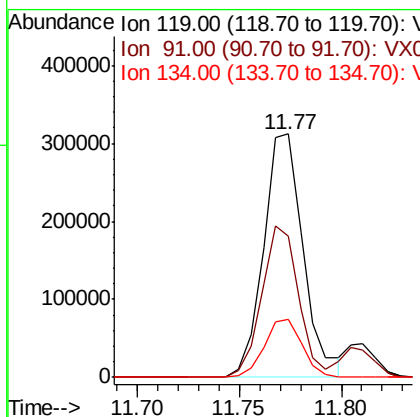
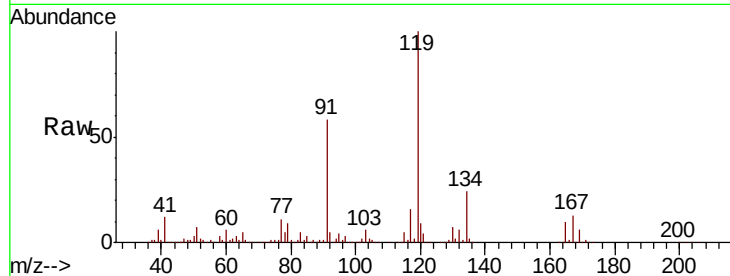
#83  
 tert-Butylbenzene  
 Concen: 50.329 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 423505 |       |       |
| 91      | 57.6  | 28.5   | 85.5  |       |
| 134     | 22.8  | 11.3   | 33.8  |       |

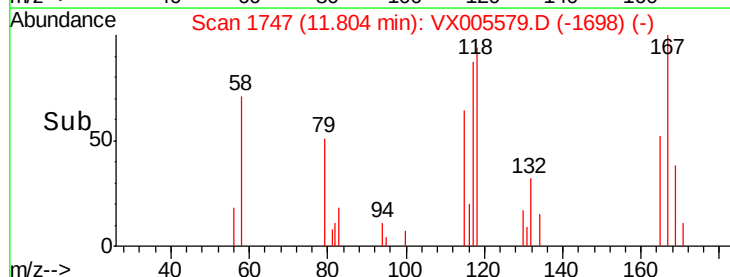
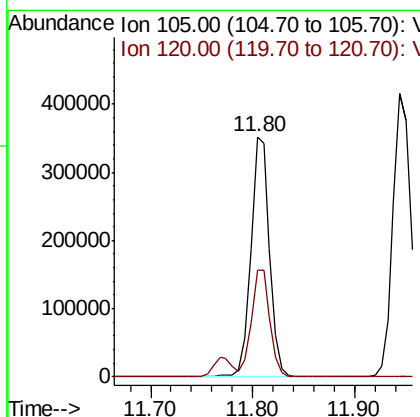
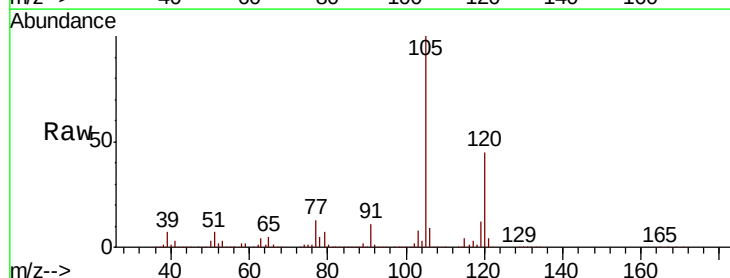
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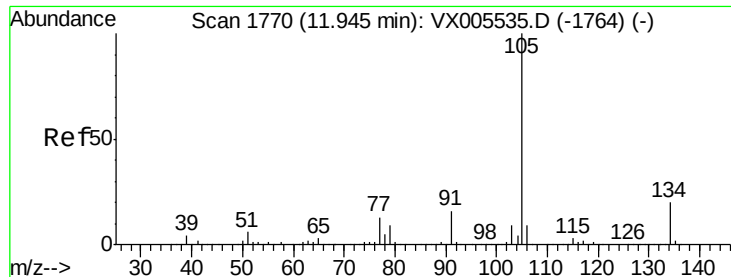
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.343 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 447825 |       |       |
| 120     | 44.5  | 22.4   | 67.0  |       |





#85

sec-Butylbenzene

Concen: 51.129 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 513375

Ion Ratio Lower Upper

105 100

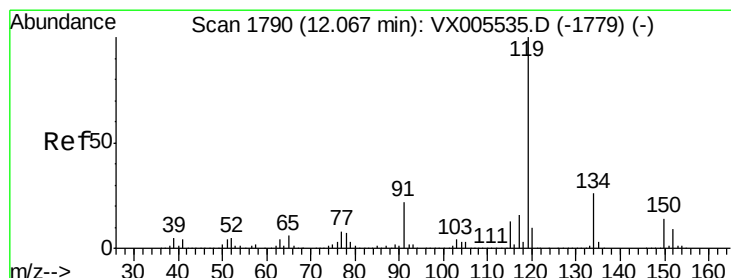
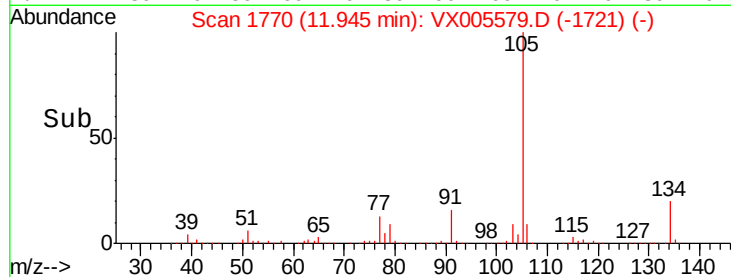
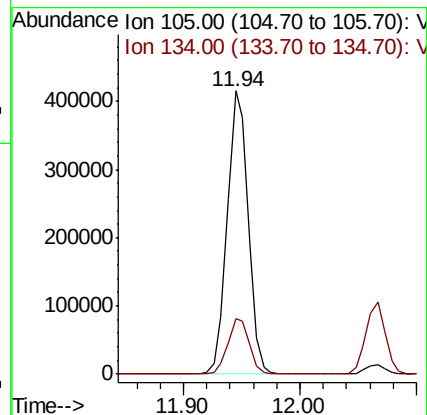
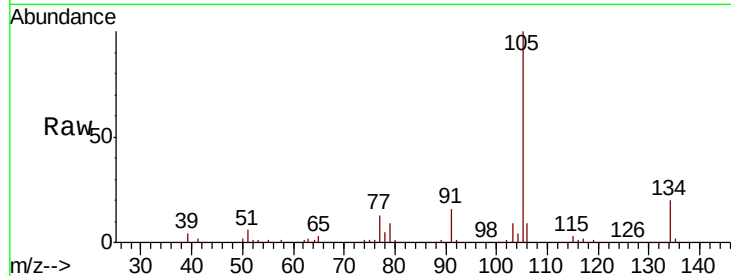
134 20.3 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.694 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

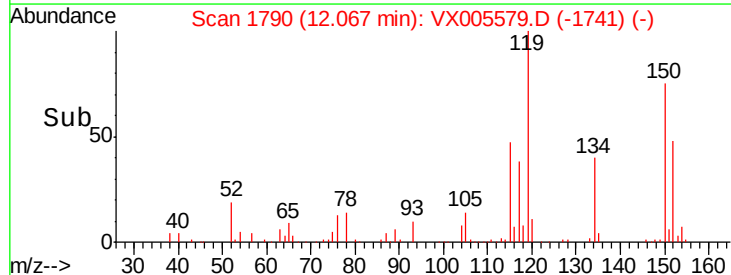
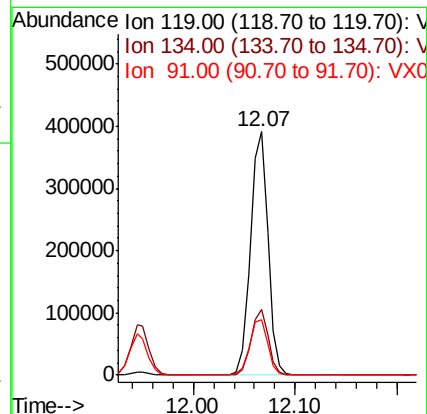
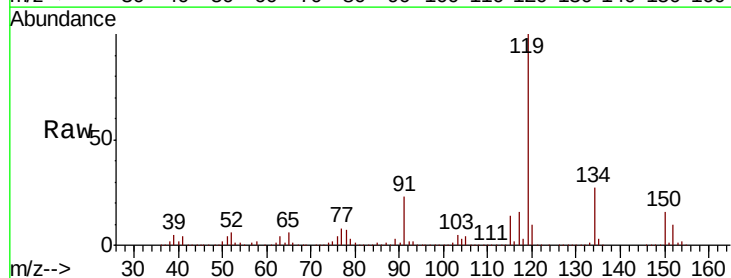
Tgt Ion:119 Resp: 463995

Ion Ratio Lower Upper

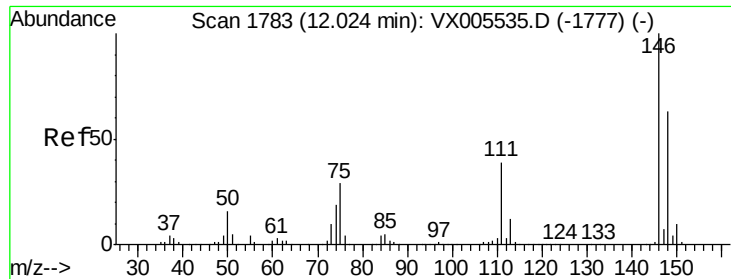
119 100

134 26.5 13.0 39.0

91 23.5 11.4 34.2







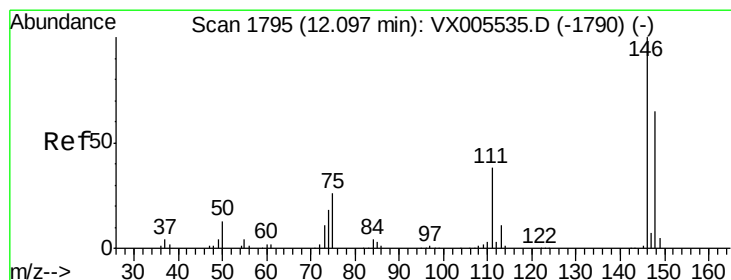
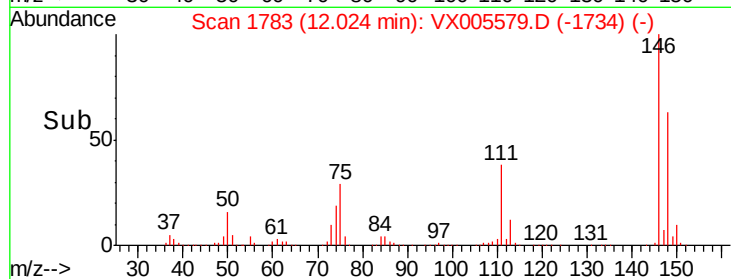
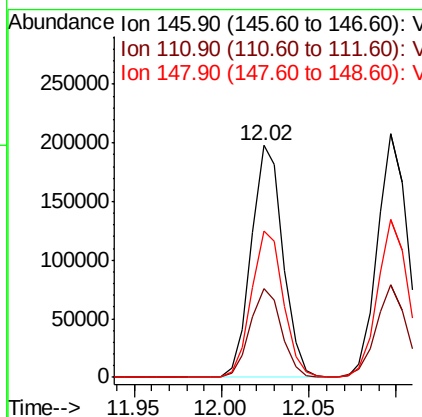
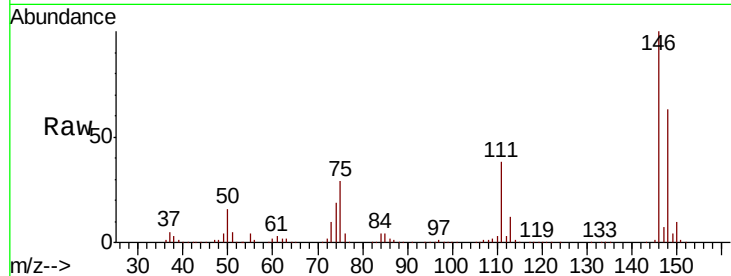
#87  
 1,3-Dichlorobenzene  
 Concen: 48.239 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.0  | 57.0  |
| 148     | 63.6  | 31.9  | 95.9  |

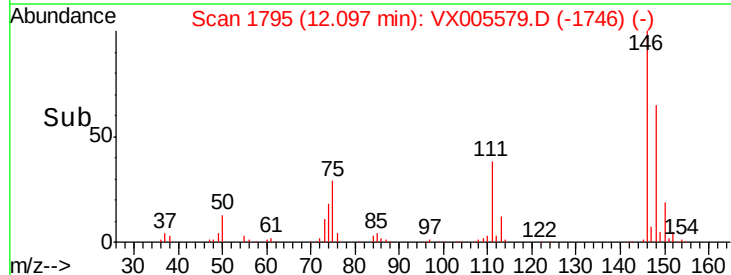
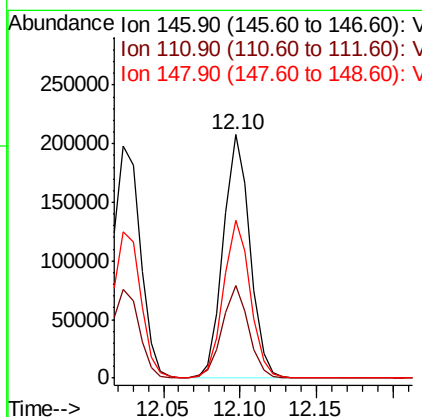
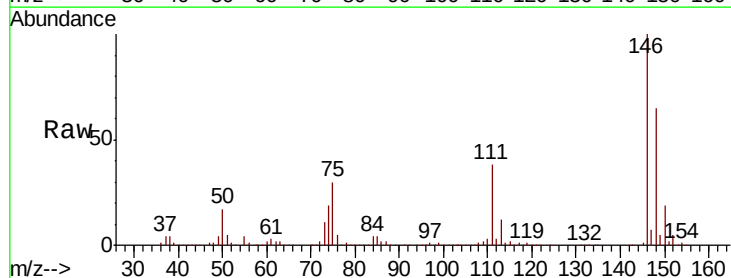
Manual Integrations  
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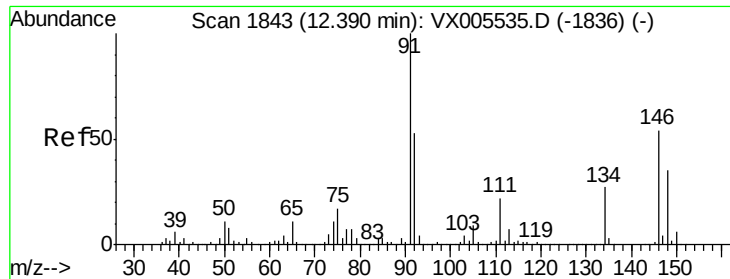
MMDadoda  
 10/26/2018 1:41:28 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 46.509 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.6  | 55.8  |
| 148     | 65.0  | 32.1  | 96.3  |





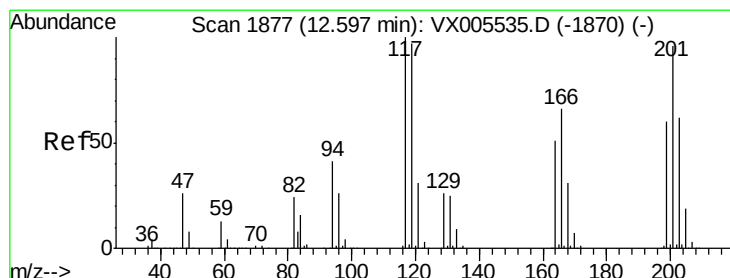
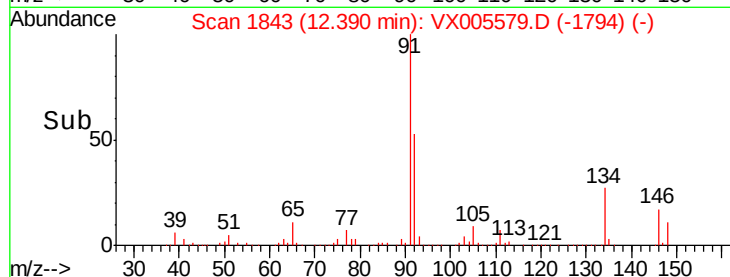
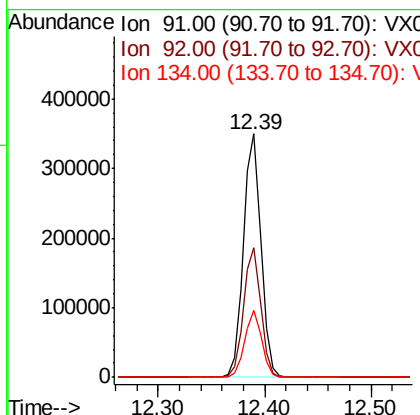
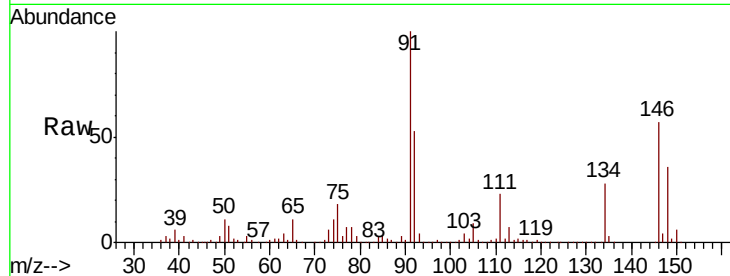
#89  
n-Butylbenzene  
Concen: 50.035 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.6  | 26.1  | 78.2  |
| 134     | 26.6  | 13.1  | 39.3  |

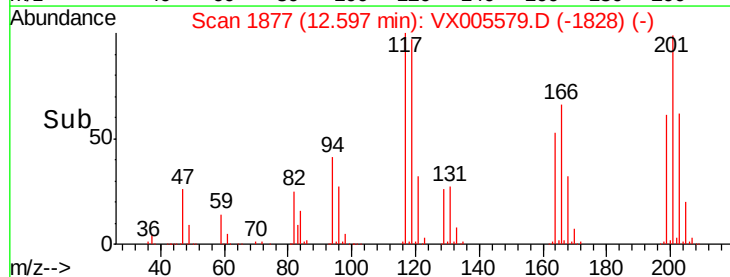
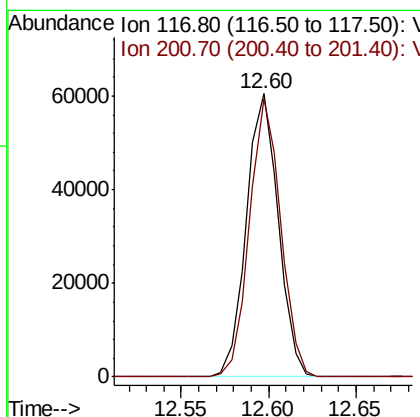
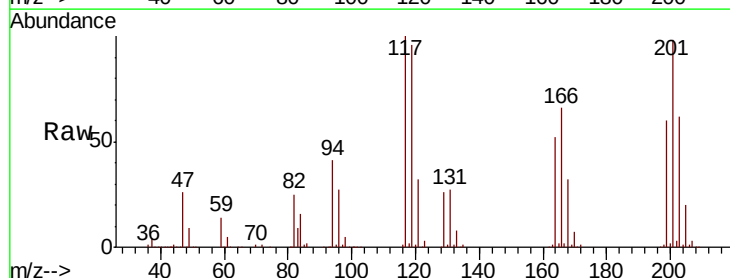
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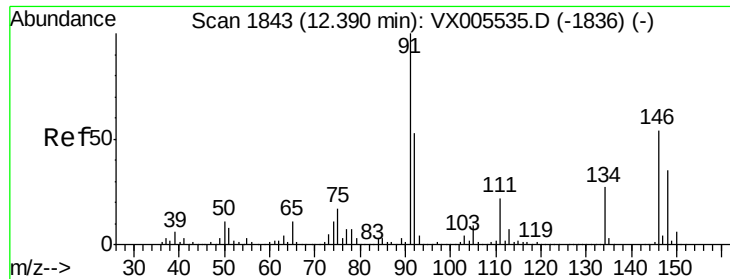
MMDadoda  
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#90  
Hexachloroethane  
Concen: 49.612 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX005579.D  
Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 96.0  | 47.9  | 143.6 |





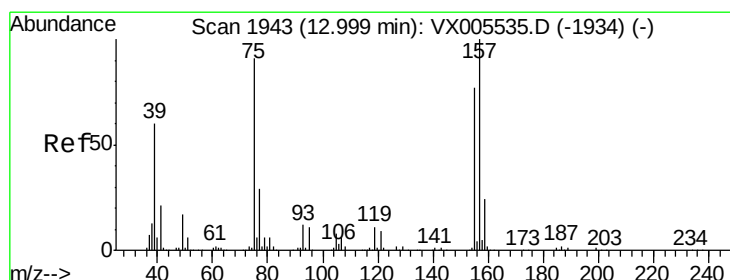
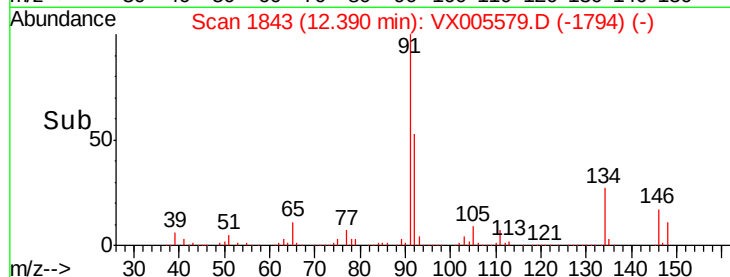
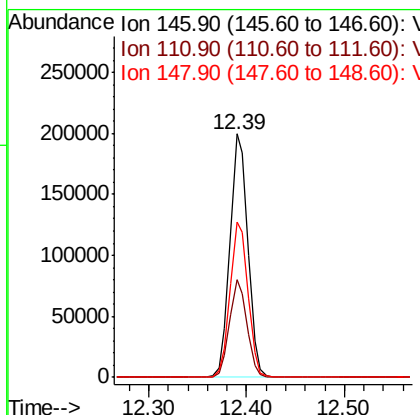
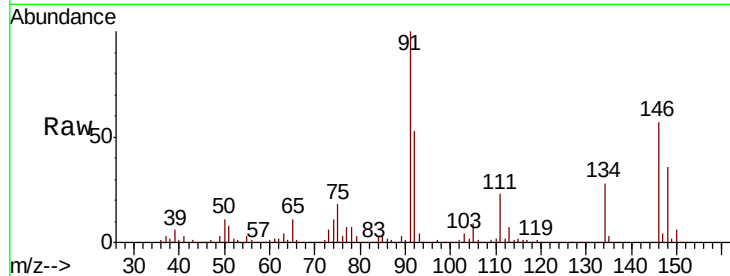
#91  
 1,2-Dichlorobenzene  
 Concen: 48.311 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 20.0  | 59.9  |
| 148     | 63.9  | 32.2  | 96.6  |

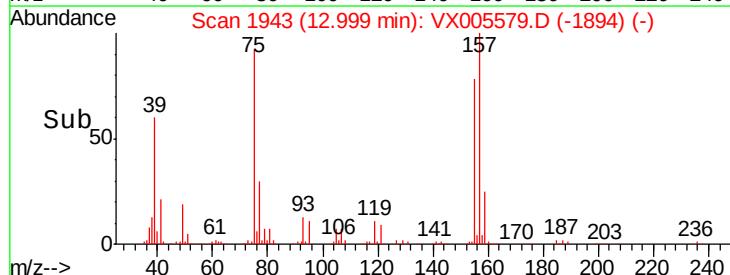
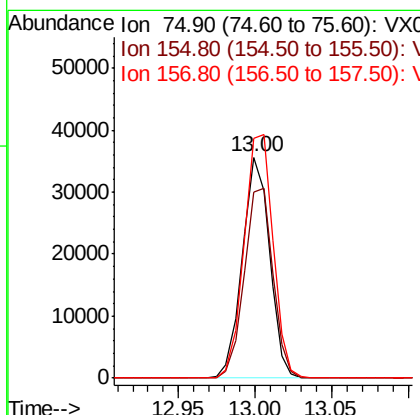
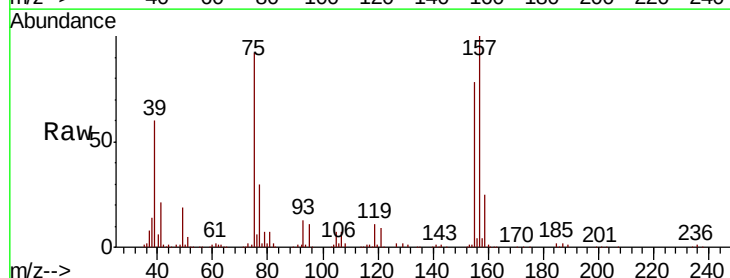
Manual Integrations  
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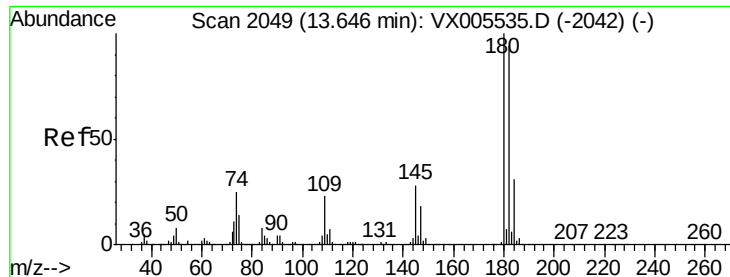
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.190 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 90.1  | 45.4  | 136.1 |
| 157     | 117.0 | 57.4  | 172.0 |





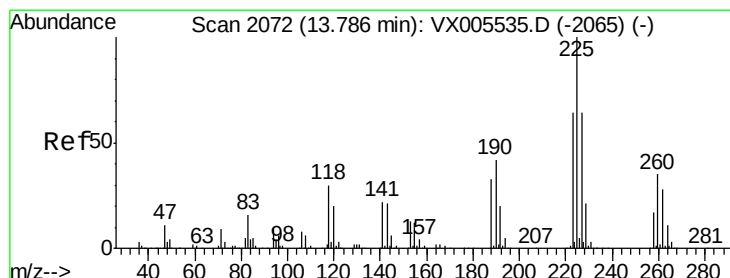
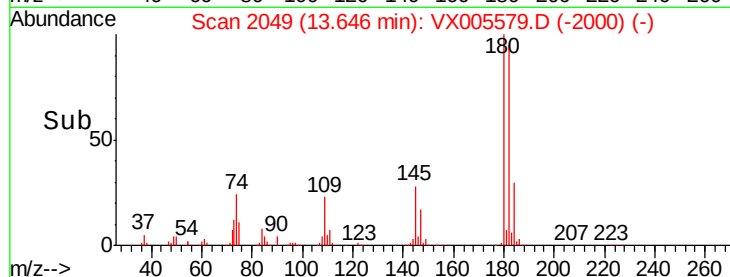
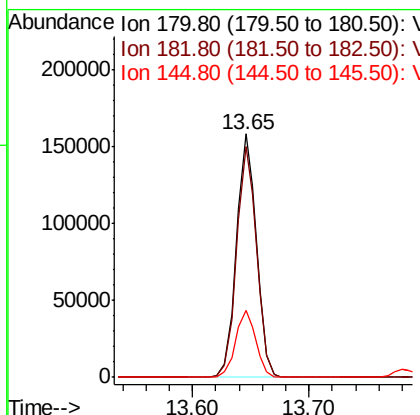
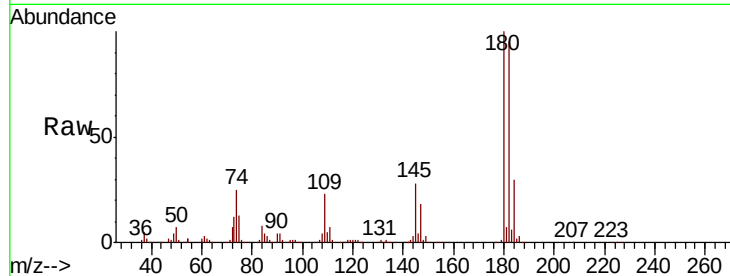
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.847 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 189063 |       |       |
| 182     | 94.7  | 47.6   | 142.8 |       |
| 145     | 27.9  | 14.1   | 42.2  |       |

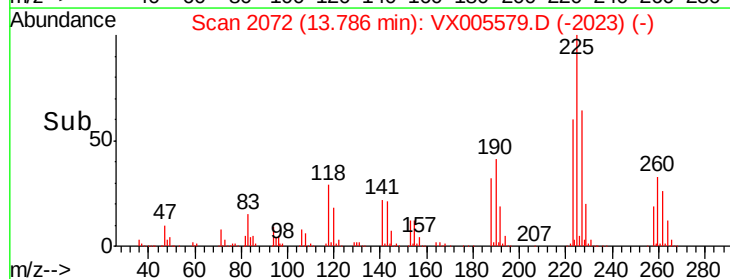
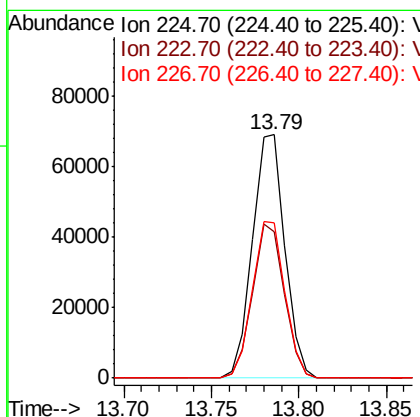
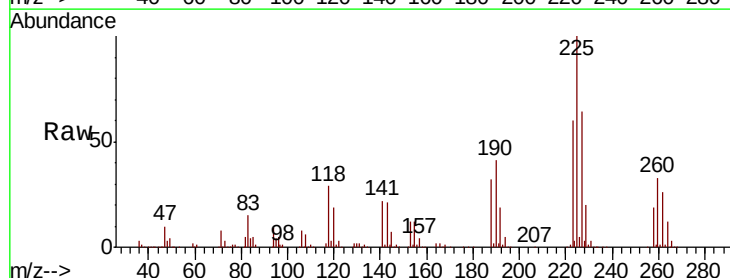
Manual Integrations  
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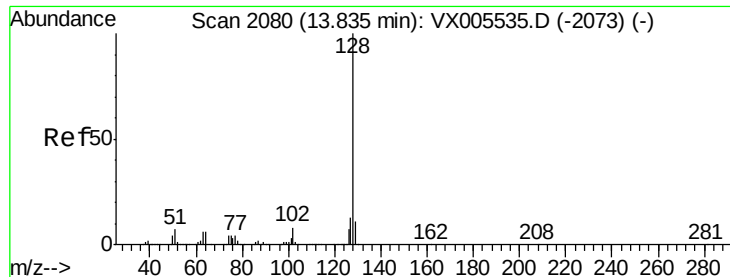
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#94  
 Hexachlorobutadiene  
 Concen: 45.396 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VX005579.D  
 Acq: 25 Oct 2018 08:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 89227 |       |       |
| 223     | 62.2  | 31.7  | 95.1  |       |
| 227     | 64.3  | 32.3  | 96.9  |       |





#95

Naphthalene

Concen: 53.405 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

Instrument :

MSVOA\_X

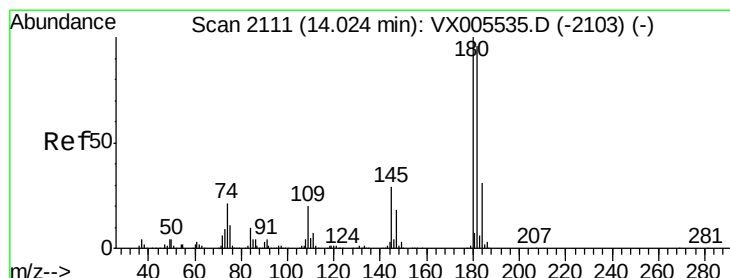
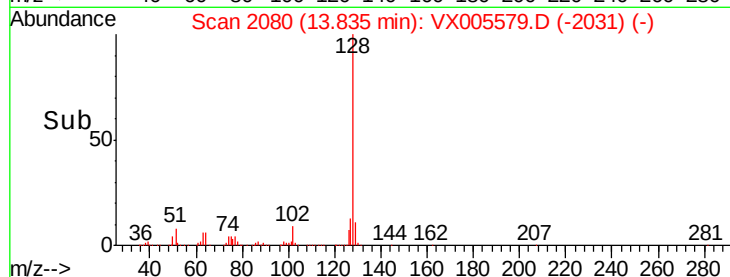
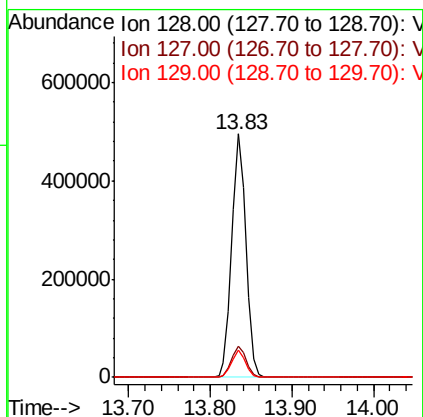
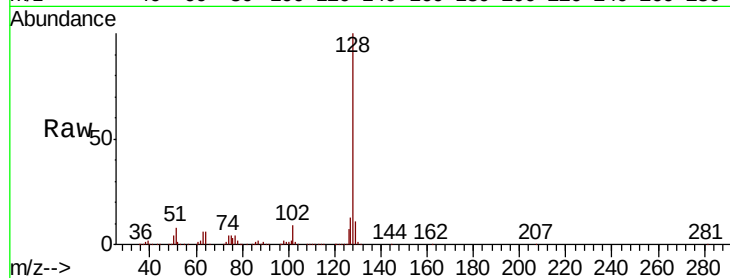
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 588786 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.4  | 15.6   |
| 129       | 10.9  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 50.251 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005579.D

Acq: 25 Oct 2018 08:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 193204 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.4  | 48.0  | 144.2  |
| 145       | 29.6  | 15.1  | 45.3   |

